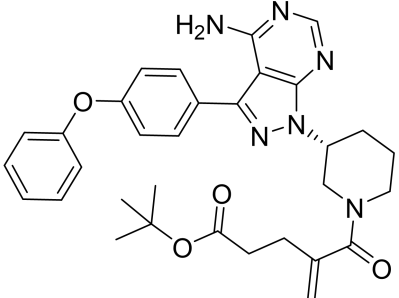
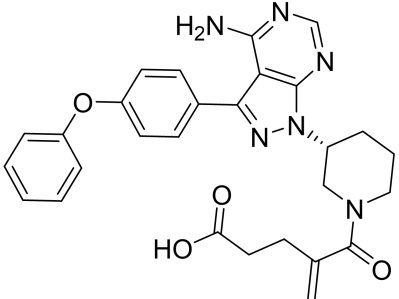
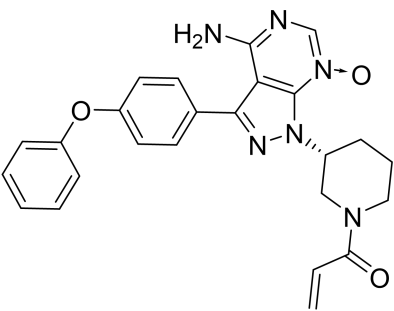
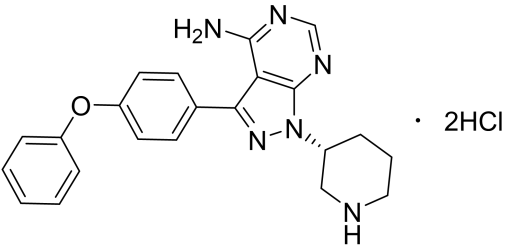
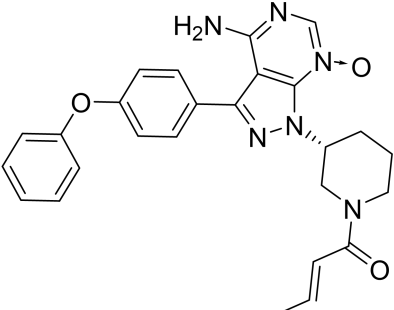
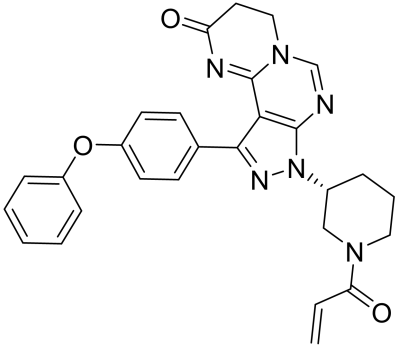
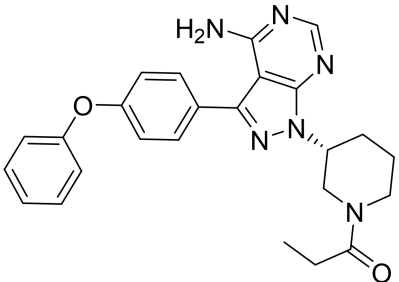
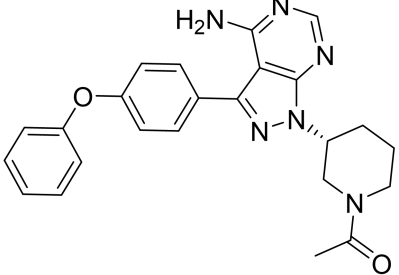
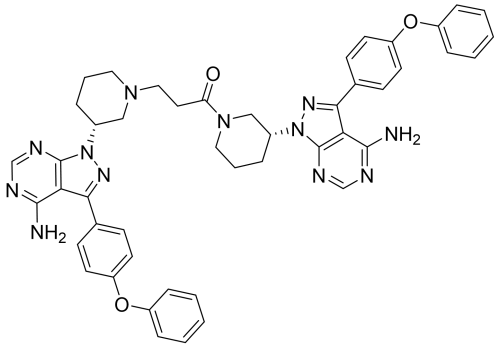
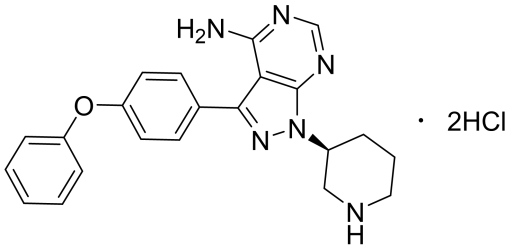
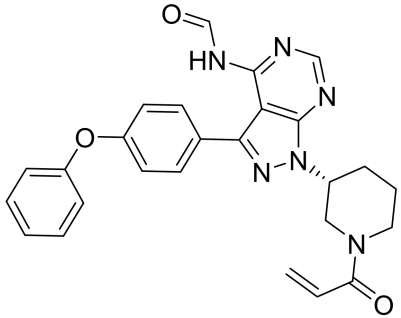


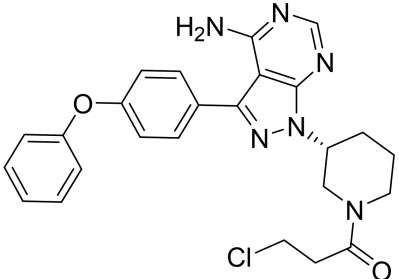
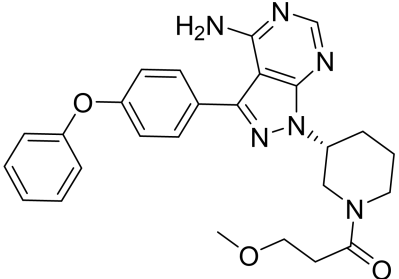
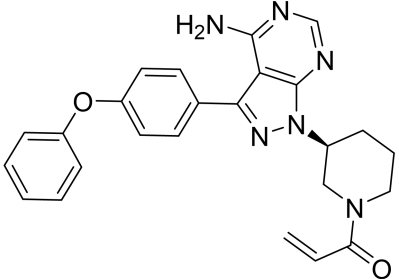
## 伊布替尼项目杂质列表

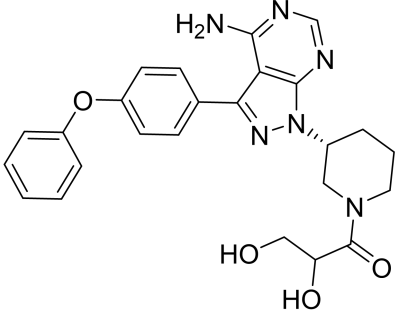
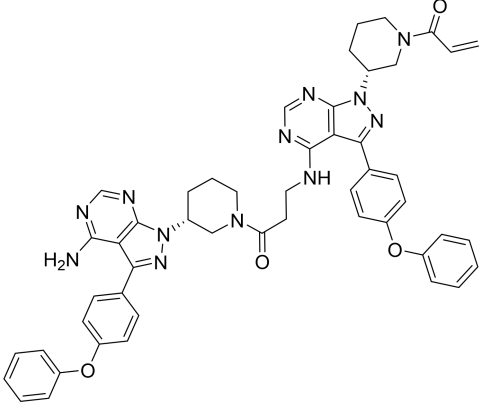
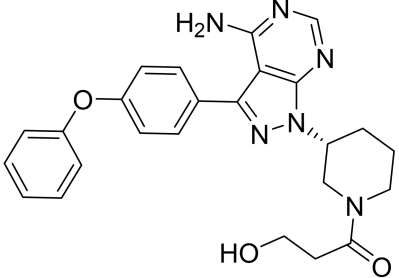
序号	杂质代号	CAS 号	结构式	分子式/分子量
1	ImpA06	/		C <sub>32</sub> H <sub>36</sub> N <sub>6</sub> O <sub>4</sub> /568.68
2	ImpA	2052279-48-6		C <sub>28</sub> H <sub>28</sub> N <sub>6</sub> O <sub>4</sub> /512.57

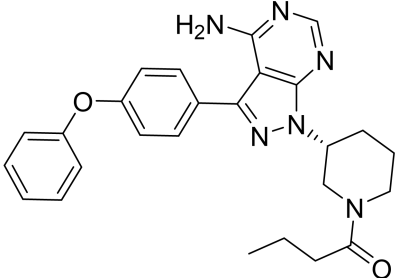
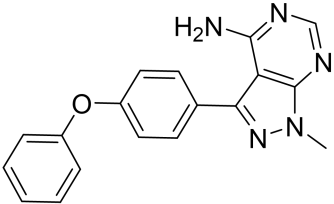
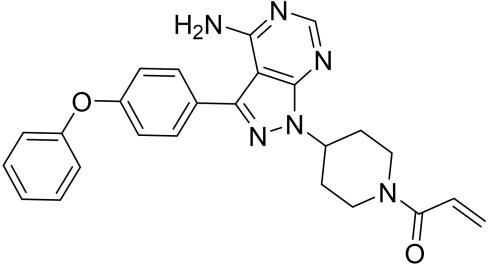
序号	杂质代号	CAS 号	结构式	分子式/分子量
3	ImpB	2052279-49-7		$C_{25}H_{24}N_6O_3/456.51$
4	Ibr09-A	1701403-10-2		$C_{22}H_{22}N_6O \cdot 2HCl/439.92$
5	ImpC	1621002-25-2		$C_{26}H_{26}N_6O_3/470.53$

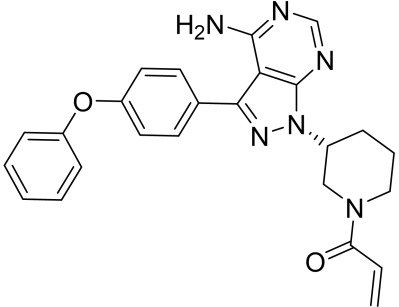
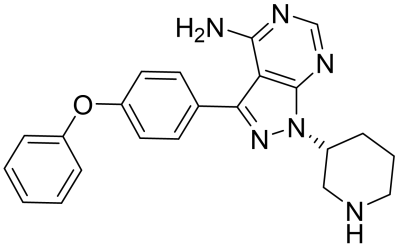
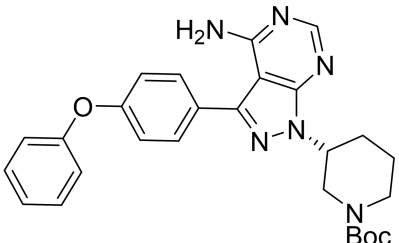
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6	ImpD	1917333-91-5		C <sub>28</sub> H <sub>26</sub> N <sub>6</sub> O <sub>3</sub> /494.56
7	ImpE	1839099-22-7		C <sub>25</sub> H <sub>26</sub> N <sub>6</sub> O <sub>2</sub> /442.52
8	ImpF	1288338-95-3		C <sub>24</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub> /428.50

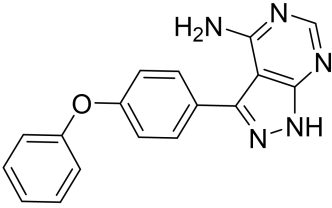
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9	ImpG	1987905-93-0		$C_{47}H_{46}N_{12}O_3/826.97$
10	ImpH	2031255-22-6		$C_{22}H_{22}N_6O \cdot 2HCl/439.92$
11	ImpI	/		$C_{26}H_{24}N_6O_3/468.52$

序号	杂质代号	CAS 号	结构式	分子式/分子量
12	ImpCl	1288338-96-4		$C_{25}H_{25}ClN_6O_2/476.97$
13	ImpK	2031255-26-0		$C_{26}H_{28}N_6O_3/472.55$
14	Imp-L	936563-97-2		$C_{25}H_{24}N_6O_2/440.51$

序号	杂质代号	CAS 号	结构式	分子式/分子量
15	ImpM	1654820-87-7		C <sub>25</sub> H <sub>26</sub> N <sub>6</sub> O <sub>4</sub> /474.52
16	ImpN	2031255-23-7		C <sub>50</sub> H <sub>48</sub> N <sub>12</sub> O <sub>4</sub> /881.01
17	ImpP	/		C <sub>25</sub> H <sub>26</sub> N <sub>6</sub> O <sub>3</sub> /458.52

序号	杂质代号	CAS 号	结构式	分子式/分子量
18	ImpQ	1839099-23-8		C <sub>26</sub> H <sub>28</sub> N <sub>6</sub> O <sub>2</sub> /456.55
19	ImpS	2213398-75-3		C <sub>18</sub> H <sub>15</sub> N <sub>5</sub> O/317.35
20	ImpT	936563-92-7		C <sub>25</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub> /440.51

序号	杂质代号	CAS 号	结构式	分子式/分子量
21	Imp	936563-96-1		C <sub>25</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub> /440.51
22	Ibr09-A	1701403-10-2		C <sub>22</sub> H <sub>22</sub> N <sub>6</sub> O/386.46
23	Ibr08	1022150-11-3		C <sub>27</sub> H <sub>30</sub> N <sub>6</sub> O <sub>3</sub> /486.58

序号	杂质代号	CAS 号	结构式	分子式/分子量
24	Ibr06	330786-24-8	 <chem>Nc1nc2c(ncn2C1c3ccc(Oc4ccccc4)cc3)N</chem>	C <sub>17</sub> H <sub>13</sub> N <sub>5</sub> O/303.33