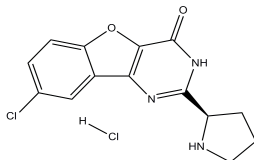


**Product: BMS-863233  
hydrochloride****ALTERNATE NAME:** (S)-8-chloro-2-(pyrrolidin-2-yl)benzofuro[3,2-d]pyrimidin-4(3H)-one hydrochloride; XL-413 hydrochloride**CATALOG #:** 2598-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>14</sub>H<sub>13</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 326.17**CAS No.** 1169562-71-3**APPEARANCE:** White to off-white solid**SOLUBILITY:** H<sub>2</sub>O (~6.5 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and moisture**DESCRIPTION:** A potent and selective CDC7 (cell division cycle 7 homolog) inhibitor. BMS-863233 binds to and inhibits the activity of CDC7, resulting in the inhibition of DNA replication and mitosis, the induction of tumor cell apoptosis, and the inhibition of tumor cell proliferation in CDC7-overexpressing tumor cells. CDC7, a serine-threonine kinase overexpressed in a variety of tumor cell types, plays an essential role in the initiation of DNA replication by activating origins of replication.**REFERENCES:** Koltun, E.S., *et al.* (2012). *Bioorg. Med. Chem.Lett.* **22**, 3727-3731.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Alsterpaullone (Cat. No. 1897-1,5)  
Butyrolactone I (Cat. No. 1690-200)  
Doramapimod (Cat. No. 1954-5, 25)  
Flavopiridol (Cat. No. 2090-1, 5)  
10Z-Hymenialdisine (Cat. No. 250, 1000)  
Kenpaullone (Cat. No. 1904-1)  
PD1834352 (CI-1040) (Cat. No. 1585-1,5,25)  
EZSolution™ PD184352 (Cat. No. 1871-1)  
PD325901 (Cat. No. 1643-2, 5, 25)  
PD98059 (Cat. No. 1666-5)  
EZSolution™ PD98059 (Cat. No. 1783-5)  
RO-3306 (Cat. No. 2039-1,5)  
Roscovitine (Cat. No. 1950-1,5)  
SB 203580 (Cat. No. 1712-1, 5)  
EZSolution™ SB203580 (1786-1)  
Sorafenib (Cat. No. 1594-25, 100)  
TG003 (Cat. No. 1905-5, 25)  
7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)  
U0126 (Cat. No. 1668-5)  
VX-702 (Cat. No. 1598-1,5)

**FOR RESEARCH USE ONLY! Not to be used in humans.**