

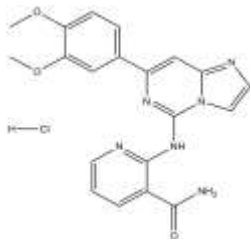
## Bay 61-3606 Hydrochloride

**ALTERNATE NAME:** 2-[[7-(3,4-Dimethoxyphenyl)imidazo[1,2-c]pyrimidin-5-yl]amino]pyridine-3-carboxamide, HCl

**CATALOG #:** 1796-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>18</sub>N<sub>6</sub>O<sub>3</sub>·HCl

**MOLECULAR WEIGHT:** 426.86

**CAS NUMBER:** 732938-37-8

**APPEARANCE:** Yellow solid

**SOLUBILITY:** Water (30 mg/ml) DMSO (2 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Hygroscopic. Protect from light

**DESCRIPTION:** Cell-permeable. A potent, ATP-competitive and reversible inhibitor of spleen tyrosine kinase (Syk) (IC<sub>50</sub> = 10 nM). Displays excellent selectivity against many other kinases including Btk, Fyn, Itk, Lyn and Src up to concentrations of 4.7 μM. Shows good *in vivo* efficacy in the treatment of various allergy and asthma conditions in rat models.

**REFERENCE:** Yamamoto, N., *et al.* (2003). *J. Pharmacol. Exp. Ther.* **306**, 1174-1181.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- A 83-01 (Cat. No. 1725-1)
- ABT-869 (Cat. No. 1615-1,5)
- Axitinib (Cat. No. 1581-5, 25)
- BIBW2992 (Cat. No. 1616-1,5)
- BMS-599626 (Cat. No. 1614-1,5)
- Bosutinib (Cat. No. 1584-5, 25)
- Canertinib (Cat. No. 1617-5)
- Cediranib (Cat. No. 1613-1,5)
- CP-690550 (Cat. No. 1622-5,25)
- Dasatinib (Cat. No. 1586-25, 100)
- Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)
- Gefitinib (Cat. No. 1589-5,25)
- Genistein (Cat. No. 1533-10, 100)
- GW2580 (Cat. No. 1740-5, 25)
- Imatinib Mesylate (Cat. No. 1625-100, 1000)
- Lapatinib Ditosylate (Cat. No. 1624-25,100)
- Nilotinib (Cat. No. 1750-25, 100)
- PD 153035, Hydrochloride (Cat. No. 1656-2)
- PD173074 (Cat. No. 1675-1)
- PP2 (Cat. No. 1767-1,5)
- Saracatinib (Cat. No. 1582-5, 25)
- SB-431542 (Cat. No. 1674-1)
- Sorafenib (Cat. No. 1594-5, 25)
- SU-5402 (Cat. No. 1645-05)
- Sunitinib Malate (Cat. No. 1611-100, 1000)
- Tyrphostin AG 1295 (Cat. No. 1571-5)
- Tyrphostin AG 490 (Cat. No. 1570-5)
- Vandetanib (Cat. No. 1751-25, 100)

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