

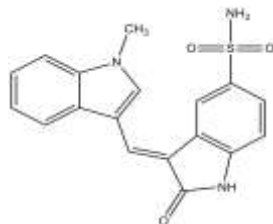
Syk Inhibitor

ALTERNATE NAME: Spleen Tyrosine Kinase Inhibitor

CATALOG #: 1983-1, 5

AMOUNT: 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₅N₃O₃S

MOLECULAR WEIGHT: 353.39

CAS NUMBER: 622387-85-3

APPEARANCE: Orange solid

SOLUBILITY: DMSO

PURITY: ≥97% HPLC (sum of two isomers)

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

DESCRIPTION: Cell-permeable. An oxindole derivative that acts as a potent, reversible, and ATP-competitive Spleen tyrosine kinase (Syk) inhibitor (IC₅₀ = 14 nM). Has been shown to effectively inhibit FcεRI-mediated degranulation in the rat basophilic leukemia cell line, RBL-2H3 (EC₅₀ = 313 nM).

REFERENCE: Lai, J.Y.Q., *et al.* (2003). *Bioorg. Med. Chem. Lett.* **13**, 3111-3114.

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

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

RELATED PRODUCTS:

- Bay 61-3606 hydrochloride (**Cat. No. 1796-1,5**)
- Fostamatinib Disodium (**Cat. No. 1936-1, 5**)