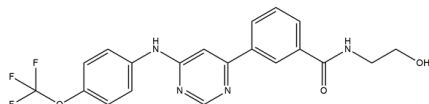


PRODUCT: GNF-5**ALTERNATE NAMES:** GNF5, GNF 5**CATALOG #:** B1329-5, -25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₁₇F₃N₄O₃**MOLECULAR WEIGHT:** 418.37**CAS NUMBER:** 778277-15-9**APPEARANCE:** Solid powder**SOLUBILITY:** DMSO (≥49 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light.

DESCRIPTION: GNF-5 is an analogue of GNF-2 and a selective non-ATP competitive inhibitor of Bcr-Abl with an IC₅₀ value of 0.1 to >10 μM in various cancer cell lines. Bcr-Abl is a fusion gene that results from the head-to-tail fusion of the Bcr and Abl genes. Bcr-Abl upregulates production of tyrosine kinase and plays a central role in the pathogenesis of chronic myelogenous leukemia (CML).

REFERENCES: Zhang J, et al. Nature. 2010 Jan 28;463(7280):501-6.

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

RELATED PRODUCTS:

- Dasatinib (BMS-354825, Sprycel) (Cat# 1586)
- EZSolution™ Dasatinib (Cat# 2029)
- GZD824 (Cat# 2795)
- GNF-2 (Cat# 2470)
- Imatinib Mesylate (CGP-57148B, STI-571) (Cat# 1625)
- Imatinib, Free base (Cat# 2141)
- Nilotinib (Cat# 1750)
- Ponatinib (Cat# 2712)
- Radotinib (Cat# 9613)
- Saracatinib (AZD0530) (Cat# 1582)

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