

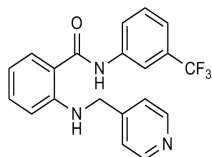
Product: **AAL-993**

ALTERNATE NAME: 2-((4-Pyridyl)methyl)amino-N-(3-(trifluoromethyl)phenyl)benzamide

CATALOG #: 2740-2, 10

AMOUNT: 2 mg, 10 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₆F₃N₃O

MOLECULAR WEIGHT: 371.36

CAS NUMBER: 269390-77-4

APPEARANCE: Light yellow solid

SOLUBILITY: DMSO (>25 mg/ml) or EtOH (~15 mg/ml)

PURITY: ≥98% by TLC

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

DESCRIPTION: AAL-993 is a potent, selective and cell-permeable inhibitor of VEGFR-1 (IC₅₀ = 130 nM), VEGFR-2 (IC₅₀ = 23 nM) and VEGFR-3 (IC₅₀ = 18nM). At higher concentrations it inhibits PDGFR (640 nM), c-Kit (236 nM) and CSF-1R (380 nM). Inactive at other kinases such as EGFR, FGFR-1, CDK-1, Tie-2, c-Met, IGF-1R, c-Src and c-Abl. X-ray crystal studies on AAL-993 complexed to the catalytic domain of diphosphorylated VEGFR- 2 indicates that it binds to an inactive conformation of the protein. AAL-993 inhibits VEGF-induced angiogenesis (mouse model).

REFERENCE: Manley, P.W., *et al.* (2002). *J. Med. Chem.* **45**, 5687-5693.

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)
 Crizotinib (Cat. No. 1934-5, 25)
 Dasatinib (Cat. No. 1586-25, 100)
 Emodin (Cat. No. 1875-25, 100)
 Enzastaurin (LY317615)(Cat. No. 1619-1,5)
 Erlotinib, Hydrochloride Salt (Cat. No. 1588-100,1000)
 EZSolution™ Staurosporine (Cat. No. 1745-01)
 Gefitinib (Cat. No. 1589-5,25)
 Genistein (Cat. No. 1533-10, 100)
 Go 6976 (Cat. No. 1711-500)
 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)
 Saracatinib (Cat. No. 1582-5, 25)
 SB-431542 (Cat. No. 1674-1)
 Sorafenib (Cat. No. 1594-5, 25)
 Staurosporine (Cat. No. 1048-01,1)
 Tamoxifen Citrate (Cat. No. 1551-1000)
 SU 1498 (Cat. No. 1836-1,5)
 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.