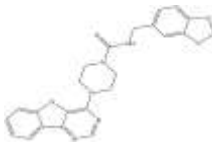


PRODUCT: Amuvatinib

ALTERNATE NAME:	N-(benzo[d][1,3]dioxol-5-ylmethyl)-4-(benzofuro[3,2-d]pyrimidin-4-yl)piperazine-1-carbothioamide; MP-470; HPK56
CATALOG #:	9458-5, 25
AMOUNT:	5 mg, 25 mg
STRUCTURE:	
MOLECULAR FORMULA:	C ₂₃ H ₂₁ N ₅ O ₃ S
MOLECULAR WEIGHT:	447.51
CAS NUMBER:	850879-09-3
APPEARANCE:	White to off-white solid
SOLUBILITY:	DMSO (>30 mg/ml)
PURITY:	≥98% by HPLC
STORAGE:	Store at -20°C. Protect from air and light
DESCRIPTION:	Amuvatinib (MP-470) is a potent and multi-targeted inhibitor of c-Kit, PDGFRα and Flt3 with IC ₅₀ values of 10 nM, 40 nM and 81 nM, respectively. It also disrupts DNA repair likely through suppression of Homologous Recombination protein Rad51.
REFERENCES:	Zhao, H., <i>et al.</i> (2011). <i>Radiotherapy and Oncology</i> 101 , 59-65.

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

RELATED PRODUCTS:

A83-01 (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)

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