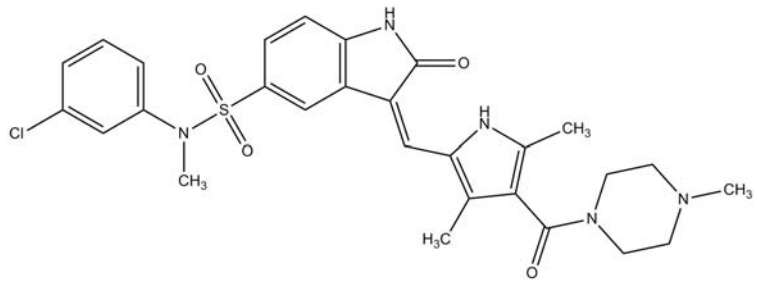
SU11274

(3Z)-N-(3-Chlorophenyl)-3-({3,5-dimethyl-4-[(4-methylpiperazin-1-yl)carbonyl] -1H-pyrrol-2-yl}methylene)-N-methyl-2-oxo-2,3-dihydro-1H-indole-5-sulfonamide

Instruction Manual

Catalog Number	PK-CA577-1938-5
Description	A specific, ATP-competitive small molecule inhibitor of the catalytic activity of Met. Displays selectivity for Met enzyme versus a panel of other tyrosine kinases with the following IC50 values: Met = 0.02 µM, Flk = 1.3 µM, EGFR = >100 µM, PDGFßR = >20 µM, Tie2 = >100 µM, c-src = >10 µM, cdk2 = >10 µM, and FGFR-1 = 9.7 µM). Inhibition of the Met kinase activity by SU11274 leads to time- and dose-dependent reduced cell growth and induced G1 cell cycle arrest and apoptosis.
Quantity	5 mg
Sequence / Molecular Weight / Molecular Formula	568.09 Da; $C_{28}H_{30}ClN_5O_4S$
Chemical Structure	
Purity	≥98% as determined by HPLC
Appearance / Formulation / Solubility	Orange Solid; Soluble in DMSO (10 mg/ml on warming)
Storage & Stability	Store at -20°C. Protect from light.
Applications	see Description
References	Berthou, S., et al. (2004). Oncogene 23, 5387-5393. Sattler, M., et al. (2003). Cancer Res. 63, 5462-5469.
Caution	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

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