
Product Data Sheet

Product Name: BMS 605541

Cat. No.: GC50330

Chemical Properties

Cas. No. 639858-32-5

SMILES FC1=C(NCC2=CN=C(NC3=NC=CC=C3)S2)C=C(C(NC4CC4)=O)C(F)=C1Formula C₁₉H₁₇F₂N₅OS M.Wt 401.43

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Potent ATP-competitive VEGFR-2 inhibitor (IC₅₀ = 23 nM). Shows >10-fold selectivity for VEGFR-2 over VEGFR-1. Displays antitumor properties in human lung and colon tumor xenograft models. Orally bioavailable in rodents.

Borzilleri et al (2006) Discovery and evaluation of N-cyclopropyl- 2,4-difluoro-5-((2-(pyridin-2-ylamino)thiazol-5-ylmethyl)amino)benzamide (BMS-605541), a selective and orally efficacious inhibitor of vascular endothelial growth factor receptor-2. J. Med. Chem 49 3766 PMID:16789733

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
