FGFR-IN-1

Cat. No.: HY-145043

CAS No.: 1513860-41-7

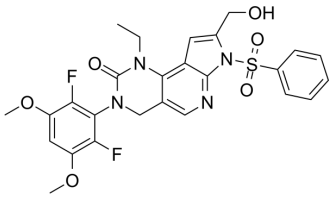
Molecular Formula: $C_{26}H_{24}F_2N_4O_6S$

Molecular Weight: 558.55

Target: FGFR

Pathway: Protein Tyrosine Kinase/RTK

Storage: 4°C, sealed storage, away from moisture and light
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (89.52 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7903 mL	8.9517 mL	17.9035 mL
	5 mM	0.3581 mL	1.7904 mL	3.5807 mL
	10 mM	0.1790 mL	0.8952 mL	1.7904 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

FGFR-IN-1 is a potent FGFR inhibitor with an IC_{50} of <100 nM for FGFR1, FGFR2, and FGFR3, respectively (patent US20130338134A1, example 219)[1].

REFERENCES

[1]. Liangxing Wu, et al. Substituted tricyclic compounds as fgfr inhibitors. US20130338134A1.

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