BCR-ABL-IN-8

Cat. No.: HY-156148

CAS No.: 1808288-49-4

Molecular Formula: $C_{30}H_{33}N_7O_5$

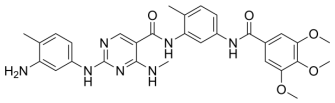
Molecular Weight: 571.63

Target: Bcr-Abl

Pathway: Protein Tyrosine Kinase/RTK

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (174.94 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.7494 mL	8.7469 mL	17.4938 mL
	5 mM	0.3499 mL	1.7494 mL	3.4988 mL
	10 mM	0.1749 mL	0.8747 mL	1.7494 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: 2.5 mg/mL (4.37 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

BCR-ABL-IN-8 (compound 26f) is a BCR-ABL inhibitor containing trimethoxy group[1].

REFERENCES

[1]. Liang X, et al. Discovery of 2-((3-Amino-4-methylphenyl)amino)-N-(2-methyl-5-(3-(trifluoromethyl)benzamido)phenyl)-4-(methylamino)pyrimidine-5-carboxamide (CHMFL-ABL-053) as a Potent, Selective, and Orally Available BCR-ABL/SRC/p38 Kinase Inhibitor for Chronic Myeloid Leukemia. J Med Chem. 2016 Mar 10;59(5):1984-2004.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA