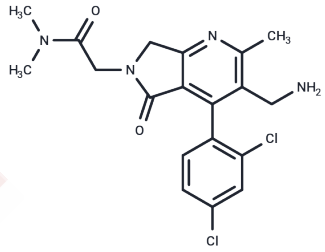
Data Sheet (Cat.No.T26857)

TargetMol

BMS-767778

Chemical Properties



CAS No. : 915729-95-2

Formula: C19H20Cl2N4O2

Molecular Weight: 407.29

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	BMS-767778, a DPP-4 inhibitor, is used potentially for the treatment of type 2 diabetes.
Targets(IC50)	Others,Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4553 mL	12.2763 mL	24.5525 mL
5 mM	0.4911 mL	2.4553 mL	4.9105 mL
10 mM	0.2455 mL	1.2276 mL	2.4553 mL
50 mM	0.0491 mL	0.2455 mL	0.4911 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Devasthale P, Wang Y, Wang W, Fevig J, Feng J, Wang A, Harrity T, Egan D, Morgan N, Cap M, Fura A, Klei HE, Kish K, Weigelt C, Sun L, Levesque P, Moulin F, Li YX, Zahler R, Kirby MS, Hamann LG. Optimization of activity, selectivity, and liability profiles in 5-oxopyrrolopyridine DPP4 inhibitors leading to clinical candidate (Sa)-2-(3-(aminomethyl)-4-(2,4-dichlorophenyl)-2-methyl-5-oxo-5H-pyrrolo[3,4-b]py ridin-6(7H)-yl)-N,N-dimethylacetamide (BMS-767778). J Med Chem. 2013 Sep 26;56(18):7343-57. doi: 10.1021/jm4008906. PubMed PMID: 23964740.

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