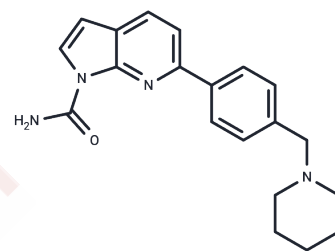


ST7710AA1

Chemical Properties

CAS No. : 1542067-20-8
 Formula: C₂₀H₂₂N₄O
 Molecular Weight: 334.41
 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	ST7710AA1 is a PARP-1 inhibitor that acts by showing significant in vitro target inhibition and capability to substantially bypass the multidrug resistance mediated by Pgp.
Targets(IC50)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9903 mL	14.9517 mL	29.9034 mL
5 mM	0.5981 mL	2.9903 mL	5.9807 mL
10 mM	0.299 mL	1.4952 mL	2.9903 mL
50 mM	0.0598 mL	0.299 mL	0.5981 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

Cincinelli R, Musso L, Merlini L, Giannini G, Vesci L, Milazzo FM, Carenini N, Perego P, Penco S, Artali R, Zunino F, Pisano C, Dallavalle S. 7-Azaindole-1-carboxamides as a new class of PARP-1 inhibitors. *Bioorg Med Chem*. 2014 Feb 1;22(3):1089-103. doi: 10.1016/j.bmc.2013.12.031. Epub 2013 Dec 22. PubMed PMID: 24398383.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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