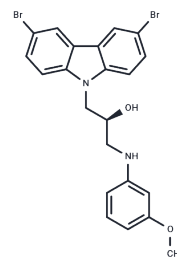


## (S)-P7C3-OMe

## Chemical Properties

CAS No. :	1235481-43-2
Formula:	C <sub>22</sub> H <sub>20</sub> Br <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	504.21
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	(S)-P7C3-OMe is a methoxy derivative of parent compound P7C3, an aminopropyl carbazole that exhibits antidepressant and neuroprotective activities.
Targets(IC50)	Others
Kinase Assay	Kinase assay: NVP-AUY922 is dissolved in DMSO at a concentration of 10 mM. NVP-AUY922 is assessed against HSP90α, HSP90β, GRP94, TRAP-1, HSP72, and topoisomerase II. Profiling against a panel of kinases has been carried out and screening against a panel of additional enzymes and receptors is performed at Cerep.

## Solubility Information

Solubility	DMSO: 45 mg/mL (89.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9833 mL	9.9165 mL	19.833 mL
5 mM	0.3967 mL	1.9833 mL	3.9666 mL
10 mM	0.1983 mL	0.9917 mL	1.9833 mL
50 mM	0.0397 mL	0.1983 mL	0.3967 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

Yin TC, et al. Cell Rep. 2014 Sep 25;8(6): 1731-40.

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