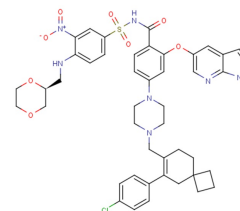


Bcl-2/Bcl-xl inhibitor 1

Chemical Properties

CAS No.:	2180923-05-9
Formula:	C45H48ClN7O8S
Molecular Weight:	882.42
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bcl-2/Bcl-xl inhibitor 1 is a dual Bcl-2 and Bcl-xl inhibitor (IC50s: 2 nM and 5.9 nM for Bcl-2 and Bcl-xl) with anti-tumor activity. It is extracted from patent WO2018027097A1.
Targets(IC50)	Bcl-2: 2 nM Bcl-xl: 5.9 nM
In vitro	Bcl-2/Bcl-xl inhibitor 1 (compound 6) exhibits IC50 values of 6.4 nM and 5.5 nM in Bcl-xl dependent Molm13 cells and Bcl-2 dependent RS4;11 cells.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.133 mL	5.666 mL	11.332 mL
5 mM	0.227 mL	1.133 mL	2.266 mL
10 mM	0.113 mL	0.567 mL	1.133 mL
50 mM	0.023 mL	0.113 mL	0.227 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. WANG, Chia, et al. N-(PHENYLSULFONYL)BENZAMIDES AND RELATED COMPOUNDS AS BCL-2 INHIBITORS. Patent. WO2018027097A1.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481