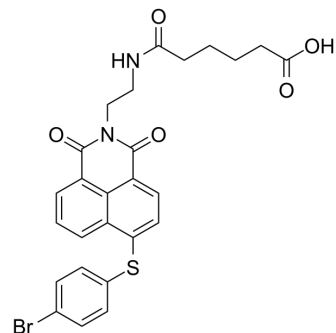


MCL-1/BCL-2-IN-4

Cat. No.:	HY-129702
CAS No.:	2163793-56-2
Molecular Formula:	C ₂₆ H ₂₃ BrN ₂ O ₅ S
Molecular Weight:	555.44
Target:	Bcl-2 Family
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 20.83 mg/mL (37.50 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.8004 mL	9.0019 mL	18.0037 mL
		5 mM	0.3601 mL	1.8004 mL	3.6007 mL
		10 mM	0.1800 mL	0.9002 mL	1.8004 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: ≥ 2.08 mg/mL (3.74 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (3.74 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	MCL-1/BCL-2-IN-4 (Compound 7) is a potent and selective Mcl-1 and Bcl-2 dual inhibitor ^[1] .
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REFERENCES

[1]. Wang Z, et al. Proteolysis Targeting Chimeras for the Selective Degradation of Mcl-1/Bcl-2 Derived from Nonselective Target Binding Ligands. J Med Chem. 2019 Sep 12;62(17):8152-8163.

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

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