Bcl-xL antagonist 2

MedChemExpress

Cat. No.:	HY-12908		
CAS No.:	1235032-75	-3	
Molecular Formula:	C ₂₁ H ₁₆ N ₄ O ₃ S	2	
Molecular Weight:	436.51		
Target:	Bcl-2 Family	y; Apopt	osis
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

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SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (143.18 mM; Need ultrasonic)			
		Solvent Mass Concentration	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.2909 mL	11.4545 mL	22.9090 mL
		5 mM	0.4582 mL	2.2909 mL	4.5818 mL
		10 mM	0.2291 mL	1.1454 mL	2.2909 mL
	Please refer to the so	lubility information to select the app	propriate solvent.		
In Vivo	1. Add each solvent Solubility: ≥ 6.25 r	one by one: 10% DMSO >> 90% cor ng/mL (14.32 mM); Clear solution	n oil		

of 0.091 μM and 65 nM, potential for the
po (5 mg/kg)

Product Data Sheet

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CL _p (mL/min/kg)	V _{ss} (L/kg)	t 1/2 (h)	F %
0.47	0.16	6.0	16

REFERENCES

[1]. Koehler MF, et al. Structure-Guided Rescaffolding of Selective Antagonists of BCL-XL. ACS Med Chem Lett. 2014;5(6):662-667.

[2]. Wang L, et al. Discovery of A-1331852, a First-in-Class, Potent, and Orally-Bioavailable BCL-XL Inhibitor. ACS Med Chem Lett. 2020;11(10):1829-1836.

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

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