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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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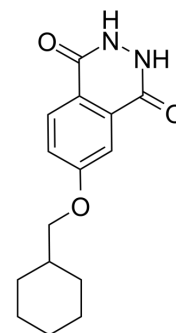
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PARP10/15-IN-3

Cat. No.:	HY-146502
CAS No.:	2892064-88-7
Molecular Formula:	C ₁₅ H ₁₈ N ₂ O ₃
Molecular Weight:	274.32
Target:	PARP; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 16.67 mg/mL (60.77 mM; ultrasonic and warming and heat to 60°C)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	3.6454 mL	18.2269 mL	36.4538 mL
		5 mM	0.7291 mL	3.6454 mL	7.2908 mL
		10 mM	0.3645 mL	1.8227 mL	3.6454 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.67 mg/mL (6.09 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.67 mg/mL (6.09 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	PARP10/15-IN-3 (Compound 8a) is a potent PARP10 and PARP15 dual inhibitor with IC ₅₀ values of 0.14 μM and 0.40 μM against PARP10 and PARP15, respectively. PARP10/15-IN-3 is able to enter cells and rescue cells from apoptosis ^[1] .	
IC ₅₀ & Target	PARP10 0.14 μM (IC ₅₀)	PARP15 0.40 μM (IC ₅₀)

REFERENCES

[1]. Nizi MG, et al. Potent 2,3-dihydrophthalazine-1,4-dione derivatives as dual inhibitors for mono-ADP-ribosyltransferases PARP10 and PARP15. Eur J Med Chem. 2022 Jul

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

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