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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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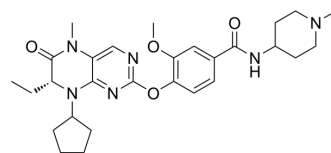
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BRD4 Inhibitor-30

Cat. No.:	HY-160499		
CAS No.:	1789731-20-9		
Molecular Formula:	C ₂₈ H ₃₈ N ₆ O ₄		
Molecular Weight:	522.64		
Target:	Epigenetic Reader Domain		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (191.34 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9134 mL	9.5668 mL	19.1336 mL
5 mM	0.3827 mL	1.9134 mL	3.8267 mL
10 mM	0.1913 mL	0.9567 mL	1.9134 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: 2.5 mg/mL (4.78 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (4.78 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (4.78 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

BRD4 inhibitor-30 (Compound 1) is a BRD4 inhibitor with a IC₅₀ value of 415 nM^[1].

REFERENCES

[1]. Koblan LW, et al. Assessment of Bromodomain Target Engagement by a Series of BI2536 Analogues with Miniaturized BET-BRET. ChemMedChem. 2016 Dec

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

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