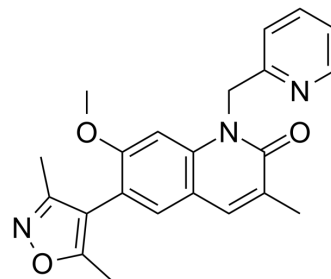


ODM-207

Cat. No.:	HY-111916	
CAS No.:	1801503-93-4	
Molecular Formula:	C ₂₂ H ₂₁ N ₃ O ₃	
Molecular Weight:	375.42	
Target:	Epigenetic Reader Domain	
Pathway:	Epigenetics	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (26.64 mM); ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6637 mL	13.3184 mL	26.6368 mL
	5 mM	0.5327 mL	2.6637 mL	5.3274 mL
	10 mM	0.2664 mL	1.3318 mL	2.6637 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: ≥ 0.83 mg/mL (2.21 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 0.83 mg/mL (2.21 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 0.83 mg/mL (2.21 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

ODM-207 (BET-IN-4) is a potent BET bromodomain protein (BRD4) inhibitor, with an IC₅₀ of ≤ 1 μM^[1].

IC₅₀ & Target

BRD4
≤ 1 μM (IC₅₀)

In Vitro

ODM-207 (Compound 50) is a potent BET bromodomain protein (BRD4) inhibitor, with an IC₅₀ of ≤ 1 μM^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Susanta Samajdar, et al. Bicyclic heterocyclic derivatives as bromodomain inhibitors. WO2015104653A1

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

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