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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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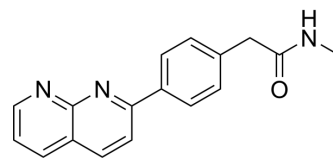
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Succinate/succinate receptor antagonist 1

Cat. No.: HY-150205
CAS No.: 2361972-29-2
Molecular Formula: C₁₇H₁₅N₃O
Molecular Weight: 277.32
Target: Others
Pathway: Others
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (90.15 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.6059 mL	18.0297 mL	36.0594 mL
		5 mM		0.7212 mL	3.6059 mL	7.2119 mL
		10 mM		0.3606 mL	1.8030 mL	3.6059 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 (7.50 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.50 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (7.50 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Succinate/succinate receptor antagonist 1 (compound 7a) is a succinate/succinate receptor antagonist. Succinate/succinate receptor antagonist 1 blocks succinate signaling in gingival tissue. Succinate/succinate receptor antagonist 1 inhibits the activation of succinate receptor 1 (SuccnR1) with an IC₅₀ value of 20 μM. Succinate/succinate receptor antagonist 1 can be used for the research of periodontal disease^[1].
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REFERENCES

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

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