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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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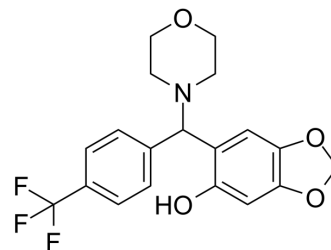
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RDR 03785

Cat. No.:	HY-W164560
CAS No.:	289657-30-3
Molecular Formula:	C ₁₉ H ₁₈ F ₃ NO ₄
Molecular Weight:	381.35
Target:	Macrophage migration inhibitory factor (MIF)
Pathway:	Immunology/Inflammation
Storage:	4°C, stored under nitrogen
	* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (218.51 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.6223 mL	13.1113 mL	26.2226 mL
		5 mM		0.5245 mL	2.6223 mL	5.2445 mL
		10 mM		0.2622 mL	1.3111 mL	2.6223 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 (5.45 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.45 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.08 mg/mL (5.45 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	RDR 03785 is a covalent MIF inhibitor with an IC ₅₀ of 0.36 μM ^[1] .
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REFERENCES

[1]. Cisneros JA, et al. Irregularities in enzyme assays: The case of macrophage migration inhibitory factor. Bioorg Med Chem Lett. 2016 Jun 15;26(12):2764-2767.

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

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