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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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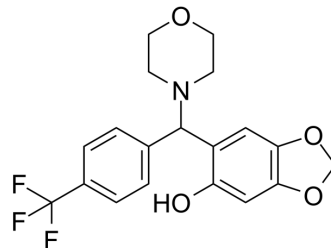
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RDR 03785

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)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	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	<ol style="list-style-type: none"> 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 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 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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