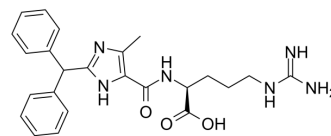


BR103

Cat. No.:	HY-117992
CAS No.:	1434873-26-3
Molecular Formula:	C ₂₄ H ₂₈ N ₆ O ₃
Molecular Weight:	448.52
Target:	Complement System
Pathway:	Immunology/Inflammation
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (222.96 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.2296 mL	11.1478 mL	22.2956 mL
			5 mM	0.4459 mL	2.2296 mL	4.4591 mL
			10 mM	0.2230 mL	1.1148 mL	2.2296 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: ≥ 2.5 mg/mL (5.57 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.57 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.57 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	BR103 is a C3aR-specific small molecule ligand. BR103 can be used to measure ligand affinity for a G protein-coupled receptor for saturation and competitive binding ^[1] .
IC ₅₀ & Target	C3aR ^[1]

REFERENCES

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA