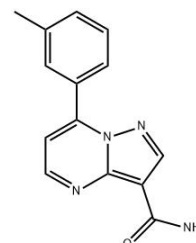


Technical Data Sheet

CU-CPT-8m

Compound Information

Product Name:	CU-CPT-8m
CAS No.:	125079-83-6
Molecular Formula:	C ₁₄ H ₁₂ N ₄ O
Molecular Weight:	252.27
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	CU-CPT8m is an antagonist of toll-like receptor 8 (TLR8) with K _d of 220 nM and IC ₅₀ of 67 nM in assay.
Solubility	Chloroform: 5 mg/ml; DMF: 0.2 mg/ml; DMSO: 0.2 mg/ml; Ethanol: slightly soluble
Purity	99.66%
1H NMR	Pass test

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