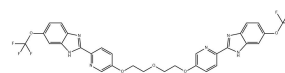


Technical Data Sheet

AI-10-49

Compound Information

Product Name: AI-10-49
CAS No.: 1256094-72-0
Molecular Formula: C₃₀H₂₂F₆N₆O₅
Molecular Weight: 660.52
Storage: Store the product in sealed, cool and dry condition.
Revision Date: 2026-04-27



Analytical Information

Tests	Specifications
Description	AI-10-49 is a selective inhibitor of the binding of CBF β -SMMHC to RUNX1 with IC ₅₀ of 260 nM.
Form	Powder
Color	Off-white to yellow
Purity	>98%
General tips	For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.
Solubility	DMSO 100 mg/mL; Ethanol 100 mg/mL warmed
1H NMR	Pass test

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