

Technical Data Sheet

pythiDC

Compound Information

Product Name:	pythiDC
CAS No.:	1821370-71-1
Molecular Formula:	C ₁₀ H ₆ N ₂ O ₄ S
Molecular Weight:	250.23
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	PythiDC is a selective collagen prolyl 4-hydroxylase (CP4H1) inhibitor with an IC ₅₀ value of 4.0 µM. PythiDC can be used as a CP4H probe and also can be used for the development of a new class of antifibrotic and antimetastatic agents.
Form	Solid
Solubility	DMSO: Slightly solublePBS (pH 7.2): Slightly soluble
1H NMR	Pass test

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