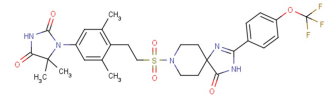


Data Sheet (Cat.No.T16442)

PCO371

Chemical Properties

CAS No.: 1613373-33-3
 Formula: C₂₉H₃₂F₃N₅O₆S
 Molecular Weight: 635.65
 Appearance: N/A
 Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PCO371 is an orally active full agonist of parathyroid hormone receptor 1. It has no effect on PTH type 2 receptor.
Targets(IC ₅₀)	PTHR1: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.573 mL	7.866 mL	15.732 mL
5 mM	0.315 mL	1.573 mL	3.146 mL
10 mM	0.157 mL	0.787 mL	1.573 mL
50 mM	0.031 mL	0.157 mL	0.315 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Tamura T, et al. Identification of an orally active small-molecule PTHR1 agonist for the treatment of hypoparathyroidism. Nat Commun. 2016 Nov 18;7:13384.

Inhibitors · Natural Compounds · Compound Libraries

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