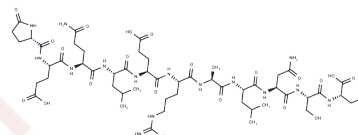


Cibinetide

Chemical Properties

CAS No. : 1208243-50-8
 Formula: C₅₁H₈₄N₁₆O₂₁
 Molecular Weight: 1257.31
 Appearance: no data available
 Storage: keep away from moisture
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Cibinetide (ARA290) is a nonerythropoietic peptide engineered from erythropoietin,, and used for neurological disease treatment.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 34 mg/mL (27.04 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7953 mL	3.9767 mL	7.9535 mL
5 mM	0.1591 mL	0.7953 mL	1.5907 mL
10 mM	0.0795 mL	0.3977 mL	0.7953 mL
50 mM	0.0159 mL	0.0795 mL	0.1591 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Hache G, et al. ARA290, a Specific Agonist of Erythropoietin/CD131 Heteroreceptor, Improves Circulating Endothelial Progenitors' Angiogenic Potential and Homing Ability. Shock. 2016 Oct;46(4):390-7

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