

RYTVELA TFA

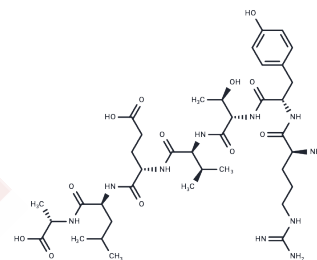
Chemical Properties

CAS No. : 1200829-06-6

Formula: C38H62N10O12

Molecular Weight: 850.96

Storage: Keep away from moisture, Store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	RYTVELA TFA (H-Arg-Tyr-Thr-Val-Glu-Leu-Ala-OH) is a non-competitive metabotropic interleukin-1 receptor inhibitor with anti-inflammatory activity that inhibits upregulation of inflammation and uterine activation, and may be used for the prevention of preterm labor and for fetal protection.
Targets(IC50)	IL Receptor

Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1751 mL	5.8757 mL	11.7514 mL
5 mM	0.235 mL	1.1751 mL	2.3503 mL
10 mM	0.1175 mL	0.5876 mL	1.1751 mL
50 mM	0.0235 mL	0.1175 mL	0.235 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Habelrih T, et al. Pharmacodynamic characterization of rytvela, a novel allosteric anti-inflammatory therapeutic, to prevent preterm birth and improve fetal and neonatal outcomes. Am J Obstet Gynecol. 2023 Apr;228(4):467.e1-467.e16.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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