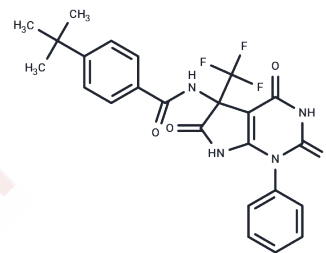


Firefly luciferase-IN-3

Chemical Properties

CAS No. : 898155-17-4
 Formula: C₂₄H₂₁F₃N₄O₄
 Molecular Weight: 486.44
 Storage: 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 Firefly luciferase-IN-3 (CID: 17087944) acts as an ATP-dependent luciferase inhibitor, exhibiting nM-level inhibitory activity against NanoLuc (pIC₅₀ =7.5). This compound specifically inhibits Firefly luciferase.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0558 mL	10.2788 mL	20.5575 mL
5 mM	0.4112 mL	2.0558 mL	4.1115 mL
10 mM	0.2056 mL	1.0279 mL	2.0558 mL
50 mM	0.0411 mL	0.2056 mL	0.4112 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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