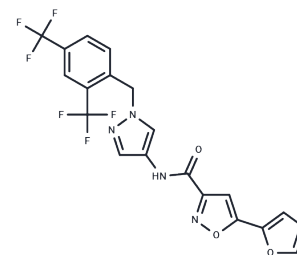


Ceapin-A7

Chemical Properties

CAS No. : 2323027-38-7
 Formula: C₂₀H₁₂F₆N₄O₃
 Molecular Weight: 470.32
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ceapin-A7, with an IC ₅₀ of 0.59 μ M, selectively inhibits ATF6 α signaling in response to ER stress. This compound is instrumental in investigating ATF6 α 's activation mechanism and its function in pathological conditions.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (212.62 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	2.1262 mL	10.6311 mL	21.2621 mL
5 mM	0.4252 mL	2.1262 mL	4.2524 mL
10 mM	0.2126 mL	1.0631 mL	2.1262 mL
50 mM	0.0425 mL	0.2126 mL	0.4252 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

Ciara M Gallagher, et al. Ceapins are a new class of unfolded protein response inhibitors, selectively targeting the ATF6 α branch. eLife. 2016; 5: e11878.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481