

Spadin Acetate

Chemical Properties

CAS No. :

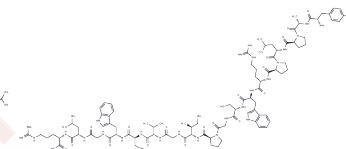
Formula: C98H146N26O24

Molecular Weight: 2072.37

Keep away from moisture

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	Spadin Acetate is a natural peptide derived from a propeptide released in blood. Spadin Acetate is able to block the TREK-1 channel activity. Spadin Acetate binds specifically to TREK-1 with an affinity of 10 nM.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (26.54 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4825 mL	2.4127 mL	4.8254 mL
5 mM	0.0965 mL	0.4825 mL	0.9651 mL
10 mM	0.0483 mL	0.2413 mL	0.4825 mL
50 mM	0.0097 mL	0.0483 mL	0.0965 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

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481