

[Sar1, Ile8]-Angiotensin II TFA

Chemical Properties

CAS No. :

Formula: C48H74F3N13O12

Molecular Weight: 1082.18

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	[Sar1, Ile8]-Angiotensin II (TFA) is a peptide compound that affects vascular smooth muscle by causing contraction of normal arteries and inducing hypertrophy or hyperplasia in cultured cells or diseased vessels.
Targets(IC50)	RAAS

Solubility Information

Solubility	H2O: 50 mg/mL (46.2 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	0.9241 mL	4.6203 mL	9.2406 mL
5 mM	0.1848 mL	0.9241 mL	1.8481 mL
10 mM	0.0924 mL	0.462 mL	0.9241 mL
50 mM	0.0185 mL	0.0924 mL	0.1848 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

Griendling KK, et al. Angiotensin II stimulates NADH and NADPH oxidase activity in cultured vascular smooth muscle cells. *Circ Res.* 1994 Jun;74(6):1141-8.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481