

CaM kinase II inhibitor TFA salt

Chemical Properties

CAS No. :

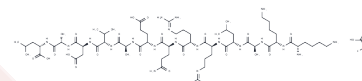
Formula: C₆₆H₁₁₇F₃N₂₂O₂₁

Molecular Weight: 1611.77

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CaM kinase II inhibitor TFA salt (Autocamtide-2-related inhibitory peptide (TFA)) is a highly specific and potent inhibitor of CaMKII with an IC ₅₀ of 40 nM.
Targets(IC ₅₀)	CaMK

Solubility Information

Solubility	DMSO: 5 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	0.6204 mL	3.1022 mL	6.2044 mL
5 mM	0.1241 mL	0.6204 mL	1.2409 mL
10 mM	0.062 mL	0.3102 mL	0.6204 mL
50 mM	0.0124 mL	0.062 mL	0.1241 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

Ishida A, et al. A novel highly specific and potent inhibitor of calmodulin-dependent protein kinase II. Biochem Biophys Res Commun. 1995 Jul 26;212(3):806-12.

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