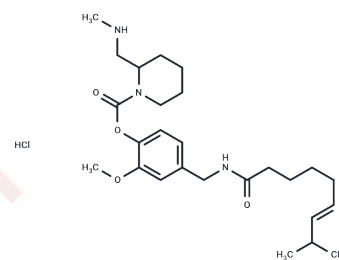


Vocacapsaicin hydrochloride

Chemical Properties

CAS No. :	1931116-92-5
Formula:	C ₂₆ H ₄₂ ClN ₃ O ₄
Molecular Weight:	496.08
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	Vocacapsaicin hydrochloride (CA-008 hydrochloride) is a non-opioid TRPV1 agonist, a raw material for capsaicin, and is used for pain relief.
Targets(IC50)	TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0158 mL	10.079 mL	20.158 mL
5 mM	0.4032 mL	2.0158 mL	4.0316 mL
10 mM	0.2016 mL	1.0079 mL	2.0158 mL
50 mM	0.0403 mL	0.2016 mL	0.4032 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

Knotts T, et al. Pharmacokinetics and local tissue response to local instillation of vocacapsaicin, a novel capsaicin prodrug, in rat and rabbit osteotomy models. J Orthop Res. 2022 Oct;40(10):2281-2293.

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