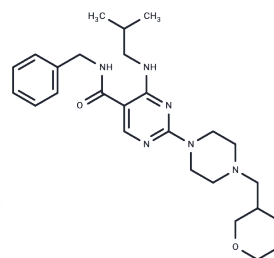


PF-4840154

Chemical Properties

CAS No. : 1332708-14-1
 Formula: C₂₆H₃₈N₆O₂
 Molecular Weight: 466.62
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PF-4840154 is a potent, selective agonist of the rat and human TrpA1 channel, eliciting TrpA1-mediated nocifensive behavior in mouse, with EC ₅₀ values of 97 nM and 23 nM for [rTrpA1] and [hTrpA1], respectively.
Targets(IC ₅₀)	TRP/TRPV Channel

Solubility Information

Solubility	DMSO: 4.66 mg/mL (9.99 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	2.1431 mL	10.7154 mL	21.4307 mL
5 mM	0.4286 mL	2.1431 mL	4.2861 mL
10 mM	0.2143 mL	1.0715 mL	2.1431 mL
50 mM	0.0429 mL	0.2143 mL	0.4286 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

Ryckmans T, et al. Design and pharmacological evaluation of PF-4840154, a non-electrophilic reference agonist of the TrpA1 channel. *Bioorg Med Chem Lett.* 2011 Aug 15;21(16):4857-9.

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