

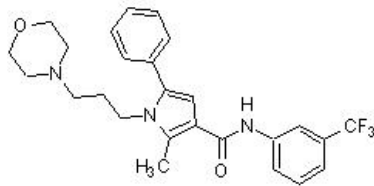
HC 067047, TRPV4 antagonist ab145868

1 Image

Overview

Product name	HC 067047, TRPV4 antagonist
Description	Potent and selective reversible TRPV4 antagonist
Biological description	Potent and selective reversible TRPV4 antagonist (IC ₅₀ values are 17, 48 and 133 nM for mouse, human and rat orthologs, respectively.) Potently inhibits the endogenous TRPV4-mediated response to 4α-PDH (IC ₅₀ = 22 nM). Shows antivasoconstrictive effects <i>in vivo</i> .
Purity	> 99%
CAS Number	883031-03-6

Chemical structure



Properties

Chemical name	2-Methyl-1-[3-(4-morpholinyl)propyl]-5-phenyl-N-[3-(trifluoromethyl)phenyl]-1H-pyrrole-3-carboxamide
Molecular weight	471.52
Molecular formula	C ₂₆ H ₂₈ F ₃ N ₃ O ₂
PubChem identifier	2742550
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 50 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Toxic, refer to SDS for further information Need more advice on solubility, usage and handling? Please visit our frequently asked

[questions \(FAQ\) page](#) for more details.

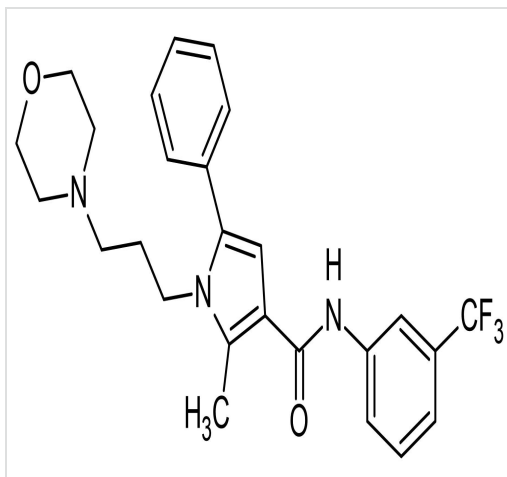
SMILES

CC1=C(C=C(N1CCCN2CCOCC2)C3=CC=CC=C3)C(=O)NC4=CC=CC(=C4)C(F)(F)F

Source

Synthetic

Images



2D chemical structure image of ab145868, HC 067047, TRPV4 antagonist

Chemical Structure - HC 067047, TRPV4 antagonist
(ab145868)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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