

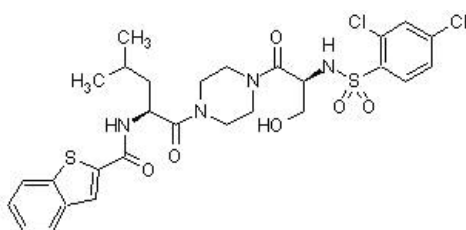
Product datasheet

GSK-1016790A, TRPV4 channel agonist ab146191

Overview

Product name	GSK-1016790A, TRPV4 channel agonist
Description	Novel, potent TRPV4 channel agonist
Biological description	Novel, potent TRPV4 channel agonist. Induced Ca ²⁺ influx in mouse and human TRPV4 expressing HEK cells (EC ₅₀ values of 18 and 2.1 nM respectively), and evoked a dose-dependent activation of TRPV4 whole-cell currents at concentrations above 1 nM. 300-fold more potent than 4α-PDD.
CAS Number	942206-85-1

Chemical structure



Properties

Molecular weight	655.61
Molecular formula	C ₂₈ H ₃₂ Cl ₂ N ₄ O ₆ S ₂
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	Clc1ccc(c(Cl)c1)S(=O)(=O)N[C@@H](CO)C(=O)N2CCN(CC2)C(=O)[C@H](CC(C)C)NC(=O)c3cc4ccccc4s3
Source	Synthetic

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