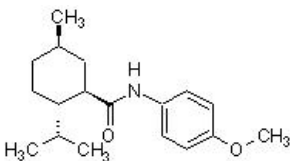


Product datasheet

WS 12, TRPM8 agonist ab145195

1 Image

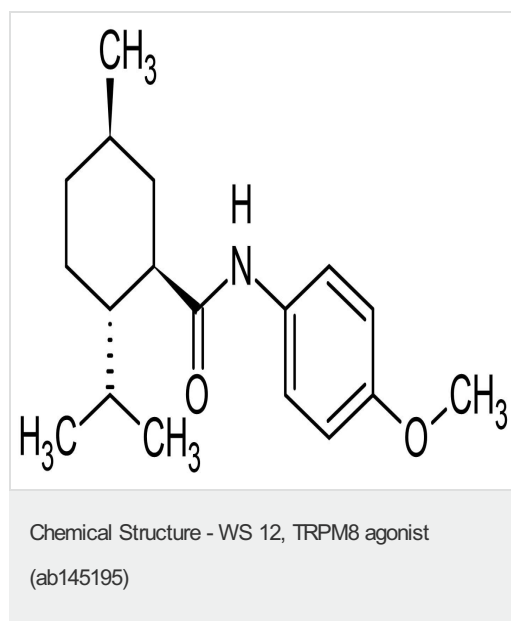
Overview

Product name	WS 12, TRPM8 agonist
Description	Potent, selective TRPM8 agonist
Biological description	Potent, selective TRPM8 agonist (EC ₅₀ = 193 nM). Increases intracellular Ca ²⁺ concentration. Reduces epidermal proliferation associated with barrier disruption. Shows cooling effects <i>in vivo</i> .
Purity	> 98%
CAS Number	68489-09-8
Chemical structure	

Properties

Chemical name	(1 <i>R</i> ,2 <i>S</i> ,5 <i>R</i>)- <i>N</i> -(4-Methoxyphenyl)-5-methyl-2-propan-2-ylcyclohexane-1-carboxamide
Molecular weight	289.42
Molecular formula	C ₁₈ H ₂₇ NO ₂
PubChem identifier	11266244
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 75 mM
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C[C@@H]1CC[C@H]([C@@H](C1)C(=O)NC2=CC=C(C=C2)OC)C(C)C</chem>
Source	Synthetic

Images



2D chemical structure image of ab145195, WS 12, TRPM8 agonist

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

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