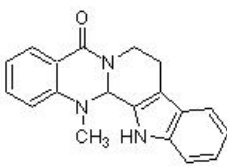


Product datasheet

Evodiamine, TRPV1 agonist ab142427

1 References 1 Image

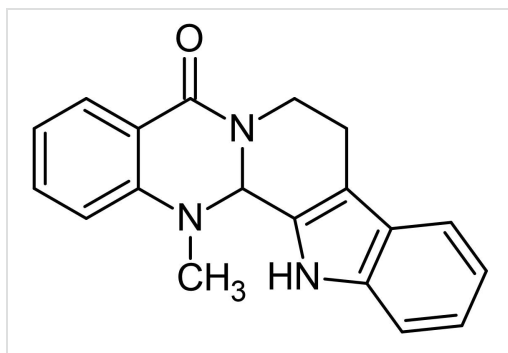
Overview

Product name	Evodiamine, TRPV1 agonist
Description	Cell permeable, TRPV1 agonist
Biological description	Cell permeable, TRPV1 agonist ($K_i = 5.95 \mu\text{M}$). Potent cell viability inhibitor in cancer cells ($\text{IC}_{50} = 0.57 \mu\text{M}$). Causes mitotic arrest and a consequent apoptosis <i>in vitro</i> . Inhibits nitric oxide production. Antitumor and anti-inflammatory agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	518-17-2
Chemical structure	

Properties

Molecular weight	303.36
Molecular formula	$\text{C}_{19}\text{H}_{17}\text{N}_3\text{O}$
PubChem identifier	442088
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 mM (with warming)
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>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CN1C2C3=C(CCN2C(=O)C4=CC=CC=C41)C5=CC=CC=C5N3</chem>
Source	<i>Evodia rutaecarpa</i>

Images



Chemical Structure - Evodiamine, TRPV1 agonist
(ab142427)

2D chemical structure image of ab142427, Evodiamine, TRPV1 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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