

Evodiamine, TRPV1 agonist

Catalog	Unit
TBI2336-50MG	50 mg
TBI2336-250MG	250 mg

Product Details

Formal Name: 8,13,13b,14-Tetrahydro-14-methylindolo[2',3'-3-4]pyrido[2,1-b]quinazolin-5-[7H]-one

Molecular Formula: C₁₉H₁₇N₃O

Formula Weight: 303.36

CAS Number: 518-17-2

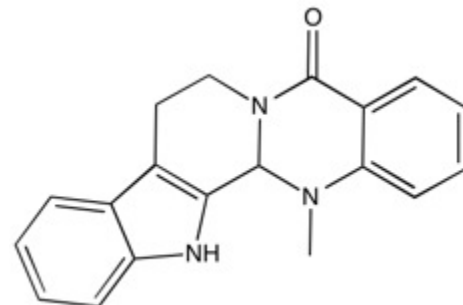
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 5 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

TRPV1 agonist

Functions

Evodiamine is a quinolone alkaloid isolated from *Evodia rutaecarpa*. *Evodia Rutaecarpa* is a very popular herb used in traditional Chinese medicine to treat a variety of ailments. It has been shown to elicit a variety of biological effects including induction of apoptosis, inhibiting cancer cell proliferation, promoting cell cycle arrest in G2/M, inhibiting invasion and metastasis of cancer cells, inhibiting angiogenesis, induction of oxidative stress and subsequent apoptosis and inhibition of NF-κB. It also functions as an agonist of TRPV1 (EC₅₀ = 1.03 μM) and acts as an anti-inflammatory agent.

Application Procedures

First dissolved in DMSO (up to 5 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 2 months.

For research use only.