

AMG 9810, TRPV1 receptor antagonist ab145874

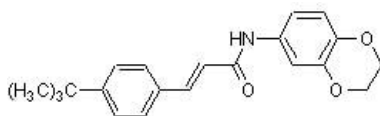
1 Image

Overview

Product name	AMG 9810, TRPV1 receptor antagonist
Description	Potent, selective, competitive vanilloid TRPV1 receptor antagonist
Biological description	Potent, selective, competitive vanilloid TRPV1 receptor antagonist (IC ₅₀ = 17 nM). Inhibits capsaicin-, proton-, heat- and endogenous ligand-induced activation of human and rat recombinant TRPV1 receptors. Active <i>in vitro</i> and <i>in vivo</i> .

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Purity	> 99%
CAS Number	545395-94-6
Chemical structure	



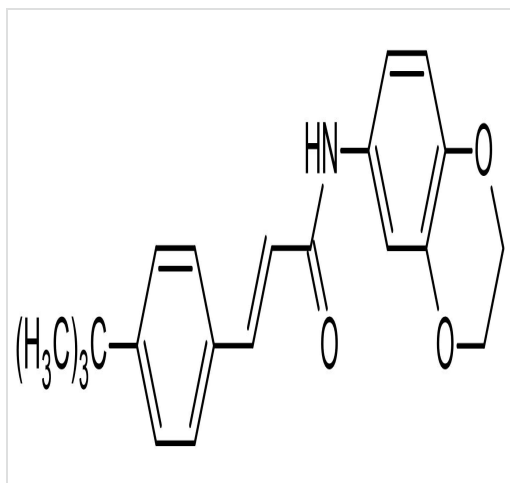
Properties

Chemical name	(2E)-N-(2,3-Dihydro-1,4-benzodioxin-6-yl)-3-[4-(1,1-dimethylethyl)phenyl]-2-propenamide
Molecular weight	337.42
Molecular formula	C ₂₁ H ₂₃ NO ₃
PubChem identifier	680502
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 100 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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC(C)(C)C1=CC=C(C=C1)/C=C/C(=O)NC2=CC3=C(C=C2)OCCO3

Source

Synthetic

Images



2D chemical structure image of ab145874, AMG 9810, TRPV1 receptor antagonist

Chemical Structure - AMG 9810, TRPV1 receptor antagonist (ab145874)

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

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