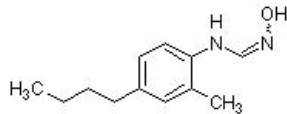


Product datasheet

HET-0016, 20-HETE synthase inhibitor ab141587

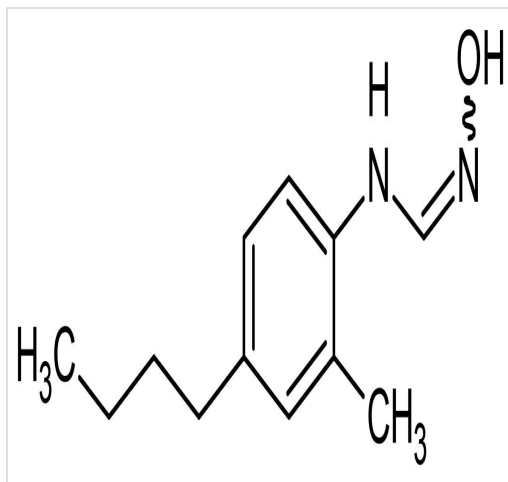
1 Image

Overview

Product name	HET-0016, 20-HETE synthase inhibitor
Description	Potent, selective 20-HETE synthase inhibitor
Biological description	Inhibits 20-HETE production (IC ₅₀ values are 18, 12 and 21 nM for CPY4A1, 4A2 and 4A3 respectively). Increases renal blood flow and inhibits cerebral ischemic damage <i>in vivo</i> . Crosses the blood-brain barrier.
Purity	> 98%
CAS Number	339068-25-6
Chemical structure	

Properties

Chemical name	<i>N</i> -(4-Butyl-2-methylphenyl)- <i>N</i> -hydroxymethanimidamide
Molecular weight	206.30
Molecular formula	C ₁₂ H ₁₈ N ₂ O
PubChem identifier	2727594
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 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>CCCCC1=CC(=C(C=C1)N=CNO)C</chem>
Source	Synthetic



Chemical Structure - HET-0016, 20-HETE synthase inhibitor (ab141587)

2D chemical structure image of ab141587, HET-0016, 20-HETE synthase inhibitor

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

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- Extensive multi-media technical resources to help you
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