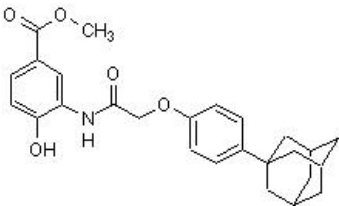


Product datasheet

CAY10585, HIF-1alpha inhibitor ab144422

Overview

Product name	CAY10585, HIF-1alpha inhibitor
Description	HIF-1α inhibitor
Biological description	HIF-1α inhibitor (IC ₅₀ values are 2.6 and 0.7 μM for Hep3B and AGS cell lines respectively). Suppresses transcription of HIF-1 target genes VEGF and erythropoietin at 10 μM. Attenuates hypoxia-induced ANP secretion. Blunts BMP9-induced osteogenic signaling in MSCs.
Purity	> 97%
CAS Number	934593-90-5
Chemical structure	

Properties

Chemical name	Methyl 3-[[2-[4-(2-adamantyl)phenoxy]acetyl]amino]-4-hydroxybenzoate
Molecular weight	435.52
Molecular formula	C ₂₆ H ₂₉ NO ₅
PubChem identifier	35028748
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 10 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	<chem>COC(=O)C1=CC(=C(C=C1)O)NC(=O)COC2=CC=C(C=C2)C3C4CC5CC(C4)CC3C5</chem>
Source	Synthetic

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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