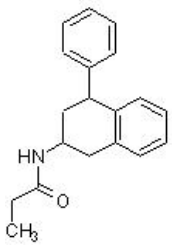
abcam

Product datasheet

4-P-PDOT, MT2 selective melatonin receptor antagonist ab146419

1 Image

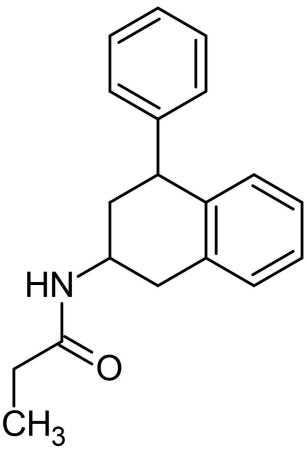
Overview

Product name	4-P-PDOT, MT2 selective melatonin receptor antagonist
Description	MT_2 selective melatonin receptor antagonist
Biological description	MT_2 selective melatonin receptor antagonist (K_i values are 0.46 and 56 nM for MT_2 and MT_1 respectively). Counteracts melatonin-mediated ERK- and Nrf2-related antioxidant potential *in vivo*. Centrally active.
Purity	> 99%
CAS Number	134865-74-0
Chemical structure	

Properties

Chemical name	*N*-(1,2,3,4-Tetrahydro-4-phenyl-2-naphthalenyl)propanamide
Molecular weight	279.38
Molecular formula	$C_{19}H_{21}NO$
PubChem identifier	3976006
Storage instructions	Store at room temperature.
Solubility overview	Soluble in ethanol to 100 mM and in DMSO to 100 mM
Handling	Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.
SMILES	CCC(=O)NC1CC(C2=CC=CC=C2C1)C3=CC=CC=C3
Source	Synthetic

Images



Chemical Structure - 4-P-PDOT, MT_2 selective melatonin receptor antagonist (ab146419)

2D chemical structure image of ab146419, 4-P-PDOT, MT2 selective melatonin receptor antagonist

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