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DATASHEET

URB 597

Product overview

Name	URB 597
Cat No	HB2365
Purity	>99%
Description	Potent, selective FAAH inhibitor

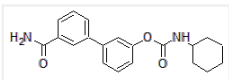
Biological Data

Biological description	Potent and selective FAAH inhibitor (IC ₅₀ values are 4.6 and 0.5 nM in rat brain membrane and cortical neurons respectively). Causes an accumulation of anandamide. Shows little activity at various cannabinoid related targets. Displays antidepressant, antinociceptive, anxiolytic and analgesic effects.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO (50mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	Cyclohexylcarbamic acid 3'-(Aminocarbonyl)-[1,1'-biphenyl]-3- yl ester
Molecular Weight	338.4
Chemical structure	
Molecular Formula	C ₂₀ H ₂₂ N ₂ O ₃
CAS Number	546141-08-6
PubChem identifier	1383884
SMILES	C1CCC(CC1)NC(=O)OC2=CC=CC(=C2)C3=CC(=CC=C3)C(=O)N
InChi	InChI=1S/C20H22N2O3/c21-19(23)16-8-4-6-14(12-16)15-7-5-11-18(13-15)25-20(24)22-17-9-2-1-3-10-17/h4-8,11-13,17H,1-3,9-10H2,(H2,21,23)(H,22,24)
InChiKey	ROFVXGGUISEHAM-UHFFFAOYSA-N
MDL number	MFCD05863934