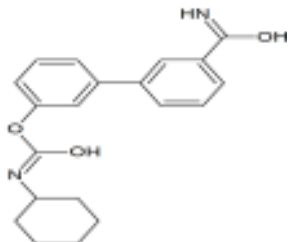


URB597

ALTERNATE NAME: KDS-4103
(3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl)-cyclohexylcarbamate

CATALOG #: B2613-5 5 mg
B2613-25 25 mg



MOLECULAR FORMULA: C₂₀H₂₂N₂O₃

MOLECULAR WEIGHT: 338.4

CAS NUMBER: 546141-08-6

APPEARANCE: Crystalline solid

PURITY: ≥98%

SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: URB597 is a potent and selective inhibitor of fatty acid amide hydrolase (FAAH). FAAH is the enzyme that hydrolyzes anandamide (AEA) and other simple esters and amides with long unsaturated acyl chains (IC₅₀ = 4.6 nM and 0.5 nM in brain membranes and intact neurons, respectively). URB597 displays both antinociceptive and anxiolytic effects in vivo without evoking other symptoms associated with cannabinoid-like compounds.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

FAAH Inhibitor, PF-622 (1928)
JZL195 (B1064)
EZSolution™ MAFP (2811)
JNJ-1661010 (2413)
Fatty Acid Amide Hydrolase (FAAH) Activity Assay Kit (Fluorometric) (K434)
ARN-272 (B2570)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*