

URB-597, FAAH inhibitor

Catalog	Unit
TBI1301-5MG	5 mg
TBI1301-25MG	25 mg

Product Details

Formal Name: Cyclohexylcarbamic acid 3'-(aminocarbonyl)-[1,1'-biphenyl]-3-yl ester

Molecular Formula: C₂₀H₂₂N₂O₃

Formula Weight: 338.41

CAS Number: 546141-08-6

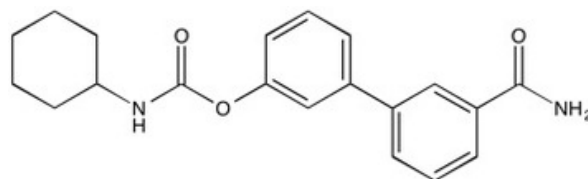
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 15 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

FAAH inhibitor

Functions

Potent and selective fatty acid amide hydrolase (FAAH) inhibitor, IC₅₀ = 3-5 nM. Produces cannabinoid CB1 and CB2 receptor-mediated analgesia in inflammatory pain states without causing side effects associated with cannabinoid receptor activation. Attenuates the anxiolytic-like effect of acetaminophen in a mouse model. Exerts anti-inflammatory effects in rat hippocampus and ameliorates age-related deficits. Off target effects: Reduces tyrosine hydroxylase expression.

Application Procedures

First dissolved in DMSO (up to 15 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.