

Product Data Sheet

Product Name: A-796260 Degradant

Cat. No.: GC42663

Chemical Properties

Cas. No. 1616469-10-3

SMILES O=C(CC(C)(C)C(C)=C)C1=CN(CCN2CCOCC2)C3=C1C=CC=C3

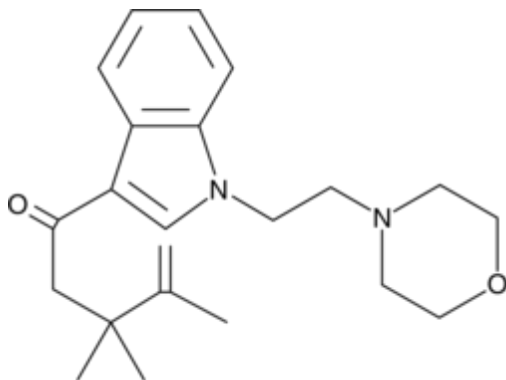
Formula C₂₂H₃₀N₂O₂ M.Wt 354.5

Solubility DMF: 20 mg/ml, DMSO: 10 mg/ml, Ethanol: 30 mg/ml, Ethanol: PBS (pH 7.2) (1:3): 0.25 mg/ml
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

A-796260 is a synthetic cannabinoid (CB) that shows high selectivity for the CB₂ receptor ($K_i = 0.77$ nM) over the CB₁ receptor ($K_i = 2,100$ nM). It also shows efficacy in vivo in models of inflammatory, post-operative, neuropathic, and osteoarthritic pain, activities which are selectively blocked by CB₂ receptor-selective antagonists. A-796260 degradant is an impurity that may be produced in the synthesis of A-796260. The physiological and toxicological properties of this compound are not known. This product is intended for forensic and research applications.

Caution: Product has not been fully validated for medical applications. For research use only.

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