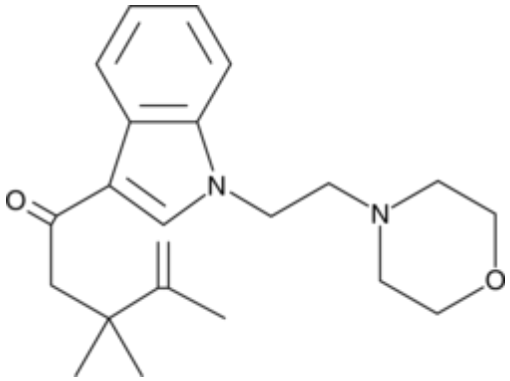
Product Data Sheet

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 (Ki = 0.77 nM) over the CB1 receptor (Ki = 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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