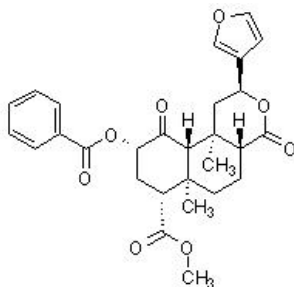


Herkinorin, mu opioid agonist ab120147

4 References 2 图像

概述

产品名称	Herkinorin, mu opioid激动剂
描述	Non-internalising μ opioid激动剂
生物学描述	Selective μ opioid receptor agonist derived from the plant product, salvinorin A (ab120084). Does not promote the recruitment of beta-arrestin-2 or lead to receptor internalization.
CAS编号	862073-77-6
化学结构	



性能

化学名称	(2 <i>S</i> ,4 <i>aR</i> ,6 <i>aR</i> ,7 <i>R</i> ,9 <i>S</i> ,10 <i>aS</i> ,10 <i>bR</i>)-Methyl 9-(benzoyloxy)-2-(furan-3-yl)-dodecahydro-6 <i>a</i> ,10 <i>b</i> -dimethyl-4,10-dioxo-1 <i>H</i> -benzo[<i>f</i>]isochromene-7-carboxylate
分子量	494.53
分子式	C ₂₈ H ₃₀ O ₈
PubChem识别号	11431898
存放说明	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

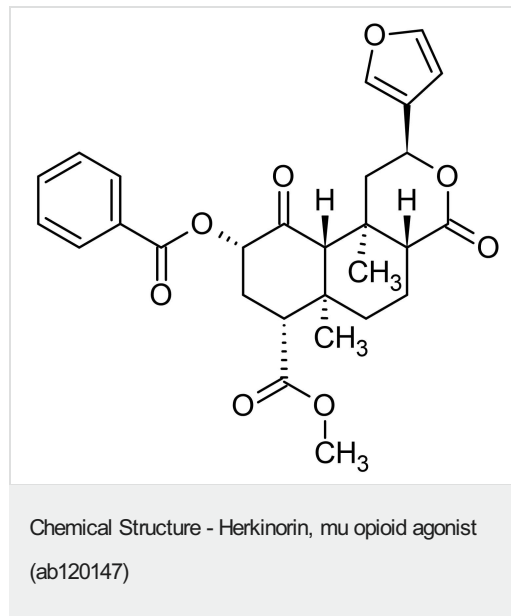
SMILES

O=C(OC)[C@@H]5C[C@H](OC(=O)c1ccccc1)C(=O)[C@H]2[C@@]5(C)CC[C@H]3C(=O)O[C@@H](C[C@]23C)c4ccoc4

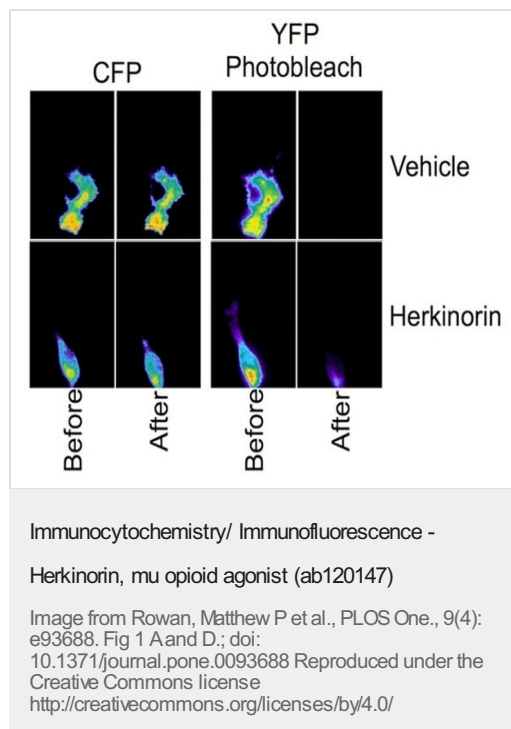
来源

Synthetic

图片



2D chemical structure image of ab120147, Herkinorin, mu opioid agonist



Primary sensory neurons treated with vehicle (0.1% DMSO) (top panel) and 10 μ M of ab120147 for 15 minutes (bottom panel) revealed no significant difference in CFP emission. It does not recruit β -arrestin2 to MOPr in primary sensory neurons.

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