

Product Data Sheet

Product Name: Apadoline

Cat. No.: GB62310

Chemical Properties

Cas. No. 135003-30-4

SMILES O=C(C(C=C1N2[C@H](C)CN3CCCC3)=CC=C1SC4=C2C=CC=C4)NCCC

Formula C₂₃H₂₉N₃OS

M.Wt 395.565

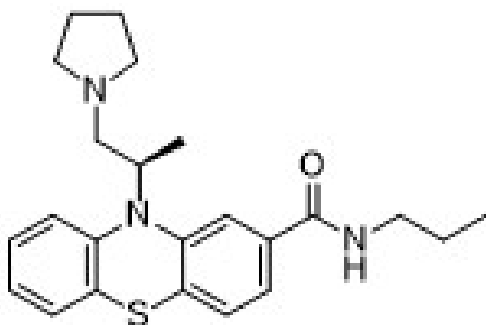
Solubility Soluble in DMSO

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

Apadoline, also known as RP 60180, is a non-peptidic kappa-opioid receptor agonist. From the dose of 1 mg/kg i.v., RP 60180 slowed ECG frequency. This effect, which lasted for about 30 minutes post-injection, was most often seen at the higher doses. According to literature, both RP 60180 and pentazocine reduced pain-related CSSERP amplitudes by approximately 40%. Pentazocine tended to produce more side effects.

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

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