
Product Data Sheet

Product Name: RP 48497

Cat. No.: GC61253

Chemical Properties

Cas. No. 148891-53-6

SMILES O=C1N(C2=NC=C(Cl)C=C2)CC3=NC=CN=C31Formula $C_{11}H_7ClN_4O$ M.Wt 246.65

Solubility 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**

RP 48497, an impurity of Eszopiclone, is a photodegradation product of Eszopiclone. Eszopiclone is a non-benzodiazepine sedative-hypnotic used in the treatment of insomnia[1].

RP 48497 is a non-chiral potential photodegradation product whose formation is caused by bright light[1].

[1]. Sha Y, et al. Synthesis of RP 48497, an impurity of eszopiclone. *Molecules*. 2008 Aug 22;13(8):1817-21.

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

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