

Product Data Sheet

Product Name: Hydroxychlorodenafil

Cat. No.: GC47443

Chemical Properties

Cas. No. 1391054-00-4

SMILES OC(CCl)C1=CC=C(OCC)C(C(NC2=C3N(C)N=C2CCC)=NC3=O)=C1

Formula C₁₉H₂₃ClN₄O₃

M.Wt 390.9

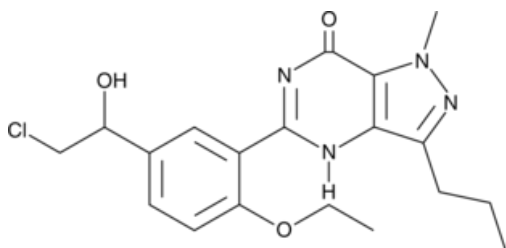
Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS (pH 7.2) (1:5): 0.16 mg/ml

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

Hydroxychlorodenafil is a derivative of the phosphodiesterase 5 (PDE5) inhibitor sildenafil.¹

1. Lee, E.S., Lee, J.H., Han, K.M., et al. Simultaneous determination of 38 phosphodiesterase-5 inhibitors in illicit erectile dysfunction products by liquid chromatography-electrospray ionization-tandem mass spectrometry. *J. Pharm. Biomed. Anal.* 83:171-178 (2013)

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

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