

Product Data Sheet

Product Name: Desmethyl Ranolazine

Cat. No.: GC49409

Chemical Properties

Cas. No. 172430-45-4

SMILES O=C(CN1CCN(CC(COC2=C(O)C=CC=C2)O)CC1)NC3=C(C)C=CC=C3C

Formula $C_{23}H_{31}N_3O_4$

M.Wt 413.5

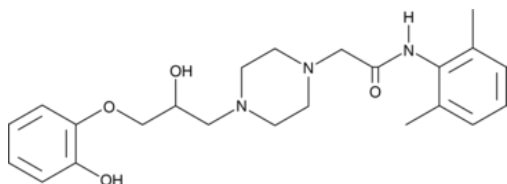
Solubility DMSO: soluble

Storage -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

Desmethyl ranolazine is a metabolite of the antianginal agent ranolazine.¹ It is formed from ranolazine by the cytochrome P450 (CYP) isoform CYP3A.

1. Wang, Y., Chen, X., Sun, Z., et al. Development and validation of a sensitive LC-MS/MS assay for simultaneous quantitation of ranolazine and its three metabolites in human plasma. J. Chromatogr. B 889-890:10-16 (2012)

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

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