

Product Data Sheet

Product Name: Rizatriptan N-oxide

Cat. No.: GC49413

Chemical Properties

Cas. No. 260435-42-5

SMILES O=[N](C)(CCC1=CNC2=CC=C(CN3N=CN=C3)C=C21)C

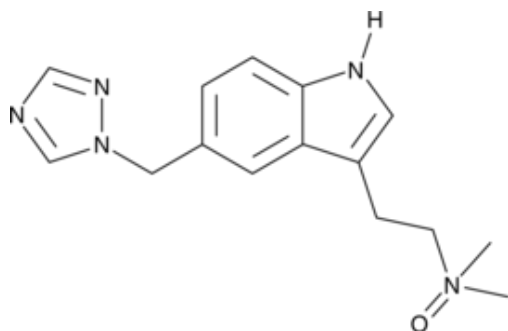
Formula C₁₅H₁₉N₅O M.Wt 285.3

Solubility DMSO: soluble, Methanol: 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

Rizatriptan N-oxide is a potential impurity found in commercial preparations of rizatriptan.¹ It is a degradation product formed under oxidative conditions.

1. Joci?, B., Ze?evi?, M., ?ivanovi?, L.J., et al. A chemometrical approach to optimization and validation of an HPLC assay for rizatriptan and its impurities in tablets. Anal. Lett. 40:2301-2316 (2007)

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

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