

Product Data Sheet

Product Name: Demoxepam

Cat. No.: GC60754

Chemical Properties

Cas. No. 963-39-3

SMILES O=C1NC2=CC=C(Cl)C=C2C(C3=CC=CC=C3)=[N+](O-)[C1]

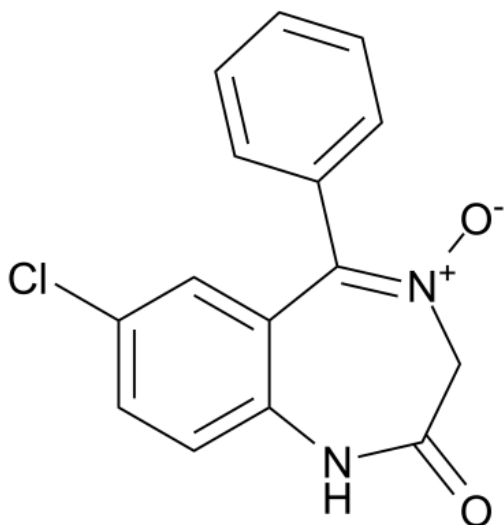
Formula $C_{15}H_{11}ClN_2O_2$ M.Wt 286.71

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

Demoxepam is a major metabolite of Chlordiazepoxide. Demoxepam exhibits cytotoxicity activity against cancer cell lines. Demoxepam has anticonvulsant and anxiolytic effects[1][2].

[1]. Moustapha OuÉdraogo, et al. In vitro cytotoxicity study of oxaziridines generated after chlordiazepoxide, demoxepam, and desmethylchlordiazepoxide UV irradiation. Drug Chem Toxicol.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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2009;32(4):417-23. [2]. Gregory G Sarris, et al. Demoxepam Derivatization and GC-MS Analysis Produces Erroneous Nordiazepam and Oxazepam Results. J Anal Toxicol. 2019 Jun 1;43(5):406-410.

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