

Product Data Sheet

Product Name: Piribedil N-oxide

Cat. No.: GC49845

Chemical Properties

Cas. No. 53954-71-5

SMILES O=N1(CCN(CC1)C2=NC=CC=N2)CC3=CC=C4OCOC4=C3

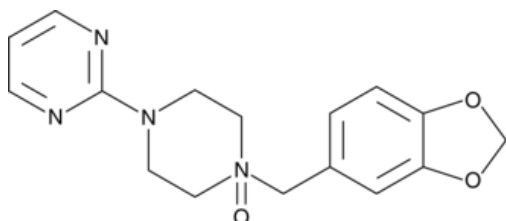
Formula C₁₆H₁₈N₄O₃ M.Wt 314.3

Solubility DMF: slightly, DMSO: slightly, Ethanol: 5 mg/ml, PBS (pH 7.2): 1 mg/ml 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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Piribedil N-oxide is a metabolite of the dopamine receptor agonist piribedil.¹

1. Sarati, S., Guiso, G., Garattini, S., et al. Kinetics of piribedil and effects on dopamine metabolism: Hepatic biotransformation is not a determinant of its dopaminergic action in rats. *Psychopharmacol. (Berl)*. 105(4):541-545 (1991)

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

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