

Product Data Sheet

Product Name: Risperidone E-oxime

Cat. No.: GC44843

Chemical Properties

Cas. No. 691007-09-7

SMILES O=C1N2C(CCCC2)=NC(C)=C1CCN3CCC(/C(C4=CC=C(F)C=C4F)=N\O)CC3

Formula C₂₃H₂₈F₂N₄O₂

M.Wt 430.5

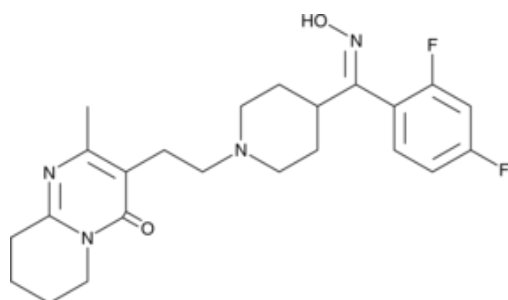
Solubility Soluble in DMSO

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

Risperidone E-oxime is a potential impurity found in commercial preparations of risperidone. Risperidone is a longer-acting benzisoxazole derivative used for treating schizophrenia, and also the psychotic, affective, or behavioral symptoms associated with other disorders. This second-generation antipsychotic was designed to antagonize both D₂ and 5-HT_{2A} receptors. It has little effect on cholinergic and β-adrenergic receptors but does affect α₂-adrenergic and histamine H₁ receptors.

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

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