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**Product Data Sheet**

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Product Name: Perphenazine D8 Dihydrochloride

Cat. No.: GC36875

**Chemical Properties**

Cas. No.

SMILES [H]Cl.[H]Cl.C1=CC=C2SC3=C(N(CCCN4C([2H])([2H])C([2H])([2H])N(CCO)C([2H])([2H])C4([2H])([2H])C2=C1)C=CC=C3Formula  $C_{21}H_{20}D_8Cl_3N_3OS$  M.Wt 484.94

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**

Perphenazine D8 Dihydrochloride is the deuterium labeled Perphenazine, which is a typical antipsychotic drug(5-HT, Dopamine receptor ligand).

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

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