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**Product Data Sheet**


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Product Name: Piperazine citrate

Cat. No.: GC30497

**Chemical Properties**

Cas. No. 144-29-6

SMILES O=C(CC(C(O)=O)(O)CC(O)=O)O.O=C(CC(C(O)=O)(O)CC(O)=O)O.N1CCNCC1.N2CCNCC2.N3CCNCC3Formula  $C_6H_8O_7 \cdot 3/2 C_4H_{10}N_2$ 

M.Wt 321.33

Solubility DMSO : 2.17 mg/mL (6.75 mM; ultrasonic and warming and heat to 60°C)

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**

Piperazine is an analytical reference standard categorized as a piperazine. This product is intended for research and forensic applications.

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

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