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**Product Data Sheet**

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Product Name: Tolazoline (Imidaline)

Cat. No.: GC30405

**Chemical Properties**

Cas. No. 59-98-3

SMILES C1(CC2=CC=CC=C2)=NCCN1Formula  $C_{10}H_{12}N_2$ 

M.Wt

160.22

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**

Tolazoline(Imidaline) is a non-selective competitive  $\alpha$ -adrenergic receptor antagonist.

Tolazoline (Imidaline) can be synthesized by the heterocyclation of the ethyl ester of iminophenylacetic acid with ethylene diamine, which forms the desired product. The structure of Tolazoline (Imidaline) is strikingly similar to  $\alpha$ -adrenergic agonists, which are antiedema sympathomimetics.

[1]. Tolazoline, From Wikipedia

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

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