

Tolazoline

Catalog No: tcsc3181



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

59-98-3

Formula:

$C_{10}H_{12}N_2$

Pathway:

GPCR/G Protein

Target:

Adrenergic Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Imidaline; NSC35110

Observed Molecular Weight:

160.22

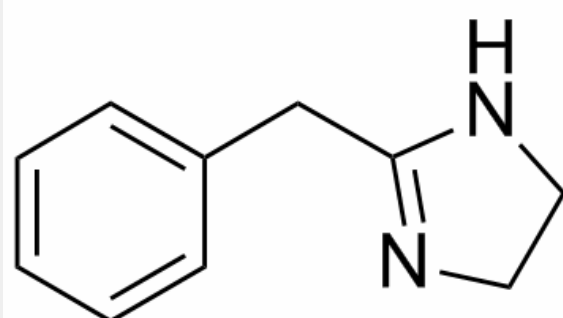
Product Description

Tolazoline(NSC35110; Imidaline) is a non-selective competitive α -adrenergic receptor antagonist.

IC50 value:

Target: α -adrenoceptor antagonist

Tolazoline 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 is strikingly similar to α -adrenergic agonists, which are antiedema sympathomimetics.



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