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**Product Data Sheet**

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Product Name: Indanidine

Cat. No.: GC32512

**Chemical Properties**

Cas. No. 85392-79-6

SMILES CN1N=C2C=CC=C(NC3=NCCN3)C2=C1Formula  $C_{11}H_{13}N_5$  M.Wt 215.25

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**

Indanidine is an alpha-adrenergic agonist.

The selective alpha 1-adrenoceptor agonist, Indanidine, also behaved as a partial agonist in the aorta and produced no significant contractions of the small mesenteric artery. Since Idazoxan and Indanidine have been reported to raise blood pressure in the pithed rat via an action at vascular alpha 1-adrenoceptors, these results call into question the reliability of the small mesenteric artery assay as a predictor for alpha 1-adrenoceptor-mediated pressor activity in vivo[1].

[1]. Van der Graaf PH, et al. Analysis of the action of idazoxan calls into question the reliability of the rat isolated small mesenteric artery assay as a predictor for alpha 1-adrenoceptor-mediated pressor activity. Naunyn Schmiedebergs Arch Pharmacol. 1996 Aug-Sep;354(3):389-92.

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

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