

Product Data Sheet

Product Name: Clonidine

Cat. No.: GC60717

Chemical Properties

Cas. No. 4205-90-7

SMILES C1C=CC(Cl)=CC=C1N2C=NCN2

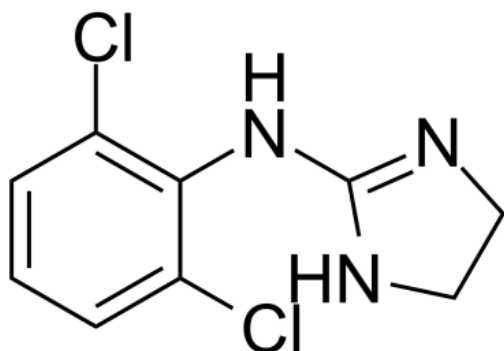
Formula $C_9H_9Cl_2N_3$ M.Wt 230.09

Solubility DMSO : 100 mg/mL (434.61 mM; Need ultrasonic) Storage 4°C, protect from light

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

Clonidine is an alpha 2-adrenergic agonist which is used extensively in anesthesia research[1].

Clonidine suppresses the firing activity of neurons[1].

[1]. Alojado ME, et al. The effect of clonidine on the activity of neurons in the rat dorsal raphe nucleus in vitro. Anesth Analg. 1994 Aug;79(2):257-60.

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

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