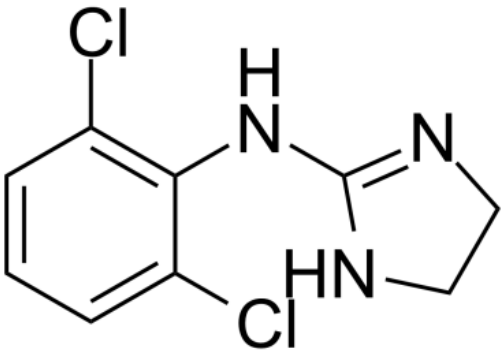
Product Data Sheet

Product Name: Clonidine
Cat. No.: GC60717

Chemical Properties

Cas. No.	4205-90-7		
SMILES	ClC1=C(NC2=NCCN2)C(Cl)=CC=C1		
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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