

Product Name : 2-Pyridinealdoxime methochloride

Synonyms : 2-PAM

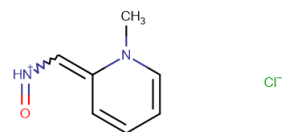
Cat No. : M14766

CAS Number : 51-15-0

Molecular Formula : C₇H₉ClN₂O

Formula Weight : 172.61

Chemical Name : [(E)-(1-methylpyridin-2-ylidene)methyl]-oxoazanium;chloride



Description : Pralidoxime chloride is a useful agent in the treatment of organophosphate poisoning. Pralidoxime binds to organophosphate-inactivated acetylcholinesterase, used to combat poisoning by organophosphates or acetylcholinesterase inhibitors (nerve agents) in conjunction with atropine and diazepam.

Pathway : Endocrinology/Hormones

Target : AChR

Receptor : AchE

Solubility : DMSO: 10 mM

SMILES : CN1C=CC=CC1=C[NH+]=O.[Cl-]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Jokanovi M, Prostran M. Curr Med Chem. 2009;16(17):2177-88.