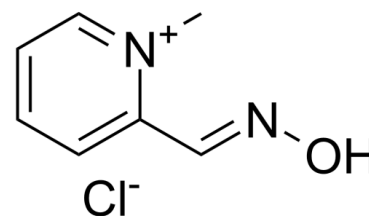


## Data Sheet

<b>Product Name:</b>	Pralidoxime (chloride)
<b>Cat. No.:</b>	CS-4828
<b>CAS No.:</b>	51-15-0
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>9</sub> ClN <sub>2</sub> O
<b>Molecular Weight:</b>	172.61
<b>Target:</b>	AChE
<b>Pathway:</b>	Neuronal Signaling
<b>Solubility:</b>	DMSO : 11.33 mg/mL (65.64 mM; Need ultrasonic and warming)



### BIOLOGICAL ACTIVITY:

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.

### CAIndexNames:

Pyridinium, 2-[(hydroxyimino)methyl]-1-methyl-, chloride (1:1)

### SMILES:

C[N+]1=CC=CC=C1/C=N/O.[Cl-]

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

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