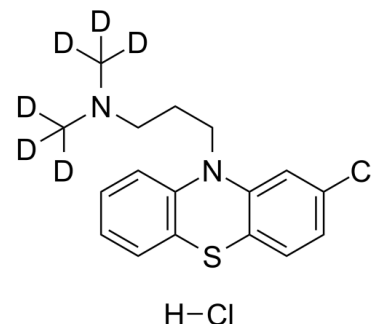


Data Sheet

Product Name:	Chlorpromazine (D6 hydrochloride)
Cat. No.:	CS-4152
CAS No.:	1228182-46-4
Molecular Formula:	C ₁₇ H ₁₄ D ₆ Cl ₂ N ₂ S
Molecular Weight:	361.36
Target:	5-HT Receptor; Dopamine Receptor; Potassium Channel; Sodium Channel
Pathway:	GPCR/G Protein; Membrane Transporter/Ion Channel; Neuronal Signaling
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Chlorpromazine D6 hydrochloride is the deuterium labeled Chlorpromazine. Chlorpromazine is an inhibitor of dopamine receptor, 5-HT receptor, potassium channel, sodium channel.

CAIndexNames:

3-(2-Chloro-10H-phenothiazin-10-yl)-N,N-bis(methyl-d₃)propan-1-amine hydrochloride

SMILES:

ClC1=CC=C(SC(C=CC=C2)=C2N3CCCN(C([2H])([2H])[2H])C([2H])([2H])[2H])C3=C1.[H]Cl

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

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