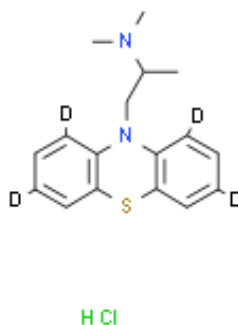


Product Data Sheet

Cas No.:	1173018-74-0	Cat. No:	PL05410
Product Name:	Promethazine-d4 (hydrochloride)		
Product synonym:	盐酸异丙嗪-D4氘代内标;(±)-异丙嗪-d4盐酸盐(吩噻嗪-1,3,7,9-d4);盐酸异丙嗪-D4		
Chemical name:	Promethazine-d4 (hydrochloride)		
MF:	C17H21CLN2S	FW:	324.904688596725
Purity:	-	Batch No.:	-
Storage:			
Structural formula:	<div></div>		
λmax:	-	Formulation:	-
Solubility :			
SMILES :	Cl.S1C2C=C([2H])C=C([2H])C=2N(C2C([2H])=CC([2H])=CC1=2)CC(C)N(C)C		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Promethazine-d4 (hydrochloride) 是 Promethazine hydrochloride 的氘代物。Promethazine hydrochloride 是一代抗组胺药物，H1 受体强效拮抗剂和 mAChR 拮抗剂，对 5-HT2A、5-HT2C、D2和_alpha_1-adrenergic受体也有一定的亲和性。

生物活性	Promethazine-d 4 (hydrochloride) is the deuterium labeled Promethazine hydrochloride. Promethazine hydrochloride is the first-generation antihistamine; strong antagonist of the H1 receptor and moderate mACh receptor antagonist, moderate affinity for 5-HT2A, 5-HT2C, D2 and α1-adrenergic receptors.
体外研究(In Vitro)	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Please store the product under the recommended conditions in the Certificate of Analysis.