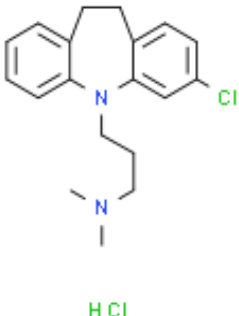


Product Data Sheet

| | | | |
|--|---|--------------|------------------|
| Cas No.: | 1189882-28-7 | Cat. No: | PL11244 |
| Product Name: | Clomipramine-d6 (hydrochloride) | | |
| Product synonym: | [2H6]-盐酸氯米帕明;[2H6]-氯米帕明盐酸盐;CLOMIPRAMINE-D6 HYDROCHLORIDE (N,N-DIMETHYL-D6);氯米帕明-[D6]盐酸盐;盐酸氯米帕明 d6 (盐酸盐) | | |
| Chemical name: | Clomipramine-d6 (hydrochloride) | | |
| MF: | C19H24CL2N2 | FW: | 351.313262939453 |
| Purity: | - | Batch No.: | - |
| Storage: | | | |
| Structural formula: |  | | |
| λmax: | - | Formulation: | - |
| Solubility : | | | |
| SMILES : | C(N1C2=CC=CC=C2CCC2=CC=C(Cl)C=C12)CCN(C([H])([H])([H])C([H])([H])([H])[H]).Cl | | |
| InChI Code: | - | | |
| InChI Key: | | | |
| WARNING This product is not for human or veterinary use. | | | |

Product Description

Clomipramine-d₆ (hydrochloride) 是 Clomipramine hydrochloride 的氘代物。Clomipramine (Chlorimipramine) hydrochloride 有效阻断 5-HT 再摄取 (5-HT reuptake), IC₅₀ 值为 1.5 nM。Clomipramine 是一种三环类抗抑郁药, 可用于抑郁症和强迫症 (OCD) 的研究。

| | |
|----------------|---|
| 生物活性 | Clomipramine-d 6 (hydrochloride) is the deuterium labeled Clomipramine hydrochloride. Clomipramine (Chlorimipramine) hydrochloride is a potent 5-HT reuptake blocker with the IC ₅₀ value of 1.5 nM. Clomipramine hydrochloride is a tricyclic antidepressant that can be used for the research of depression and obsessive compulsive disorder (OCD)[1]. |
| 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. |