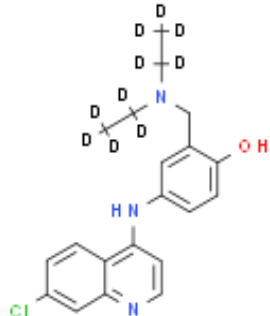


Product Data Sheet

| | | | |
|--|--|--------------|-----------|
| Cas No.: | 1189449-70-4 | Cat. No: | PL15079 |
| Product Name: | Amodiaquine-d10 | | |
| Product synonym: | [2H10] - 阿莫地喹标准品;阿莫地喹-d10 | | |
| Chemical name: | Amodiaquine-d10 | | |
| MF: | C20H12CLD10N3O | FW: | 365.92300 |
| Purity: | ≥97% | Batch No.: | - |
| Storage: | | | |
| Structural formula: |  | | |
| λmax: | - | Formulation: | - |
| Solubility : | | | |
| SMILES : | CCN(CC1C(O)=CC=C(NC2=CC=NC3C=C(C=CC2=3)Cl)C=1)CC | | |
| InChI Code: | - | | |
| InChI Key: | | | |
| WARNING This product is not for human or veterinary use. | | | |

Product Description

Amodiaquine-d₁₀ 是 Amodiaquine 的氘代物。Amodiaquine (Amodiaquin) 是一种4-氨基喹啉类抗疟剂，是一种有效的具有口服活性的组胺 N-甲基转移酶 (histamine N-methyltransferase) 抑制剂。Amodiaquine 也是一种 Nurr1 激动剂，可特异性结合 Nurr1 的配体结合域，EC₅₀ 为 ~20 μM。抗炎作用。

| | |
|----------------|---|
| 生物活性 | Amodiaquine-d 10 is the deuterium labeled Amodiaquine. Amodiaquine (Amodiaquin), a 4-aminoquinoline class of antimalarial agent, is a potent and orally active histamine N-methyltransferase inhibitor. Amodiaquine is also a Nurr1 agonist and specifically binds to Nurr1-LBD (ligand binding domain) with an EC ₅₀ of ~20 μM. Anti-inflammatory effect[1][2][3][4]. |
| 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 | Powder -20°C 3 years; 4°C 2 years |