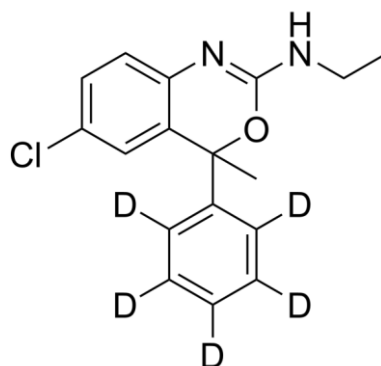


Etifoxine-d5

Product Code: F129123
CAS No.: 1346598-10-4
Mol. Weight: C17H12D5ClN2O
Mol. Formula: 305.81
Storage Temp: Please store the product under the recommended conditions in the Certificate of Analysis.
Synonyms: 艾替伏辛-d5
Target: GABA Receptor
Pathway: Membrane Transporter/Ion Channel;
 Neuronal Signaling



Biological Activity

制备储备液:

| 溶剂体积 浓度 \ 质量 | 1 mg | 5 mg | 10 mg |
|-----------------|-----------|------------|------------|
| 1 mM | 3.2700 mL | 16.3500 mL | 32.7000 mL |
| 5 mM | 0.6540 mL | 3.2700 mL | 6.5400 mL |
| 10 mM | 0.3270 mL | 1.6350 mL | 3.2700 mL |

Bioactive: Etifoxine-d5 is the deuterium labeled Etifoxine. Etifoxine, a non-benzodiazepine GABAergic compound, is a positive allosteric modulator of $\alpha 1\beta 2\gamma 2$ and $\alpha 1\beta 3\gamma 2$ subunit-containing GABAA receptors. Etifoxine reveals anxiolytic and anticonvulsant properties in rodents.

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.



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