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## Eptapirone

产品编号: D51222

CAS: 179756-58-2

分子式: C<sub>16</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>16</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>/c1-20-14(24)13-19-23(16(20)25)8-3-2-7-21-9-11-22(12-10-21)15-17-5-4-6-18-15/h4-6,13H,2-3,7-12H<sub>2</sub>,1H<sub>3</sub>

InChi Key: NMYAHEULKSYAPP-UHFFFAOYSA-N

Smiles: CN1C(=O)N(CCCCN2CCN(CC2)C2N=CC=CN=2)N=CC1=O

外观: 固体粉末

作用通路: 5-HT Receptor

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Eptapirone, also known as F11440 and L0068, is a potent, selective, high efficacy 5-HT<sub>1A</sub> receptor agonist with marked anxiolytic and antidepressant potential. The affinity of F 11440 for 5-HT<sub>1A</sub> binding sites (pK<sub>i</sub>, 8.33) was higher than that of buspirone (pK<sub>i</sub>, 7.50), and somewhat lower than that of flesinoxan (pK<sub>i</sub>, 8.91). In vivo, F 11440 was 4- to 20-fold more potent than flesinoxan, and 30- to 60-fold more potent than buspirone.