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## Felbamate

产品编号: D51045

CAS: 25451-15-4

分子式: C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>11</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>/c12-10(14)16-6-9(7-17-11(13)15)8-4-2-1-3-5-8/h1-5,9H,6-7H<sub>2</sub>, (H<sub>2</sub>,12,14)(H<sub>2</sub>,13,15)

InChi Key: WKGXYQFOCVYPAC-UHFFFAOYSA-N

Smiles: NC(=O)OCC(COC(N)=O)C1C=CC=CC=1

外观: 固体粉末

作用通路: iGluR

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: Felbamate is an anti-epileptic drug used in the treatment of epilepsy. Felbamate has been proposed to a unique dual mechanism of action as a positive modulator of GABAA receptors and as a blocker of NMDA receptors, particularly isoforms containing the NR2B subunit. Although it is clear that felbamate does cause pharmacological inhibition of NMDA receptors, the relevance of NMDA receptor blockade as a strategy for the treatment of human epilepsy has been questioned. Therefore, the importance of the effects of felbamate on NMDA receptors to its therapeutic action in epilepsy is uncertain.