

Product Name	: Allomatrine
Synonyms	: —
Cat No.	: M21467
CAS Number	: 641-39-4
Molecular Formula	: C ₁₅ H ₂₄ N ₂ O
Formula Weight	: 248.36
Chemical Name	: —
Description	: Allomatrine is a natural product from <i>Sophora alopecuroides</i> L. Allomatrine when given i.c.v. may stimulate the descending dynorphinergic neuron resulting in the stimulation of KORs in the spinal cord.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: <chem>O=C(CCC1)N(C[C@@H]2CCC3)[C@H]1[C@@H]1[C@@H]2N3CCC1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Higashiyama K et al. Implication of the descending dynorphinergic neuron projecting to the spinal cord in the (+)-matrine- and (+)-allomatrine-induced antinociceptive effects. Biol Pharm Bull. 2005 May;28(5):845-8.