

---

<b>Product Name</b>	: Methyl maslinate
<b>Synonyms</b>	: Maslinic acid methyl ester; Crategolic acid methyl ester
<b>Cat No.</b>	: M29505
<b>CAS Number</b>	: 22425-82-7
<b>Molecular Formula</b>	: C <sub>31</sub> H <sub>50</sub> O <sub>4</sub>
<b>Formula Weight</b>	: 486.7
<b>Chemical Name</b>	: —
<b>Description</b>	: Methyl maslinate is an antagonist of β- adrenergic receptor with cardiotoxic and antidysrhythmic properties. Methyl maslinate can be used in studies about hypertension. (In Vivo):Methyl maslinate (20-60 mg/kg; i.p.) shows vasodepressor and sinus bradycardia effects in a dose-dependent manner. Methyl maslinate lasts more than 60 min with a maximum of 20 min with potent hemodynamic effects.
<b>Pathway</b>	: Angiogenesis
<b>Target</b>	: Adrenergic Receptor
<b>Receptor</b>	: Adrenergic Receptor
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>C(OC)(=O)[C@]12[C@@](C=3[C@@](C)(CC1)[C@@]4(C)[C@](CC3)([C@]5(C)[C@@](CC4)(C(C)C)[C@@H](O)[C@H](O)C5)[H])[H])(CC(C)C)CC2)[H]</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	: