

Catalogue Number	Product	Order number / Unit
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**3380 Metaraminol (free base)****Precursor for [<sup>11</sup>C]Metahydroxyephedrine****Molar Mass:** 167.21C<sub>9</sub>H<sub>13</sub>NO<sub>2</sub>

[54-49-9]

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 90 %**Certificates:**CoA; <sup>1</sup>H NMR spectrum**Chemical Name:**

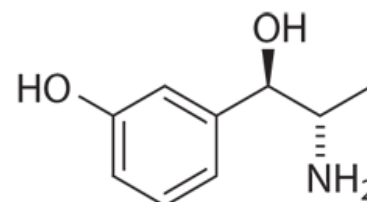
CA index names: Benzenemethanol, α-[(1S)-1-(amino)ethyl]-3-hydroxy-

**Synonymes:**

Metaraminol; m-Hydroxy-norephedrine; (-)-erythro-Metaraminol; (1-Aminoethyl)-3-hydroxybenzenemethanol; 1-(m-Hydroxyphenyl)-2-amino-1-propanol; 1-α-(1-Aminoethyl)-m-hydroxybenzylalcohol; 1-Metaraminol

**Literature:**

1. Nägren K. et al. [<sup>11</sup>C]Metaraminol, a false neurotransmitter. Preparation, metabolite studies and positron emission tomography investigation in monkey. Nucl. Med. Biol. 1996, 23, 221-227.
2. Van Dort M.E. et al. Synthesis and carbon-11 labeling of the stereoisomers of meta-hydroxyephedrine (HED) and meta-hydroxypseudoephedrine (HPED). J. Labelled Compd. Radiopharm. 2000, 43, 603-612.
3. Van Dort M.E. Direct Chromatographic resolution and Isolation of the four Stereoisomers of meta-Hydroxyphenyl-propanolamine. Chirality 1999, 11, 684-688.

**3380.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.

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