

Catalogue Number	Product	Order number / Unit
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3390 Metaraminol bitartrate
Precursor for [¹¹C]Metahydroxyephedrine

Molar Mass: 317.29

$C_9H_{13}NO_2 \cdot C_4H_6O_6$

[33402-03-8]

Colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹³C NMR spectra

Chemical Name:

CA index names: Benzenemethanol, α-[(1S)-1-aminoethyl]-3-hydroxy-, (αR)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (salt)

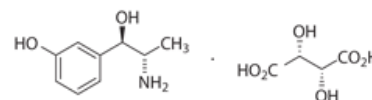
Synonymes:

Metaraminol bitartrate salt; m-Hydroxy-norephedrine bitartrate; (-)-1-α-(1-Aminoethyl)-m-hydroxybenzylalcohol bitartrate; (-)-Metaraminol (+)-bitartrate; (-)-m-Hydroxyphenylpropanolamine bitartrate salt; (-)-Metaraminol bitartrate

Literature:

1. 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.
2. Någren K. et al. [¹¹C]Metaraminol, a false neurotransmitter. Preparation, metabolite studies and positron emission tomography investigation in monkey. Nucl. Med. Biol. 1996, 23, 221-227.
3. Rosenspire K. et al. Synthesis and Preliminary Evaluation of Carbon-11-Meta-Hydroxyephedrine: A False Transmitter Agent for Heart Neuronal Imaging. J. Nucl. Med. 1990, 31, 1328-1334.

3390.0002: 2 mg per vial
Please inquire for customized filling and bulk quantities.



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