

Catalogue Number	Product	Order number / Unit
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1782 (S)-Desethyl-Etomidate

Precursor for [¹¹C]Metomidate and [¹¹C]Etomidate and (S)-[¹⁸F]FETO ((S)-[¹⁸F]Fluoroethyltomidate)

Molar Mass: 216.24

C₁₂H₁₂N₂O₂

[56649-49-1]

Off-white solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index names: 1H-Imidazole-5-carboxylic acid, 1-[(1S)-1-phenylethyl]-; 1H-Imidazole-5-carboxylic acid, 1-(1-phenylethyl)-, (S)-

Synonymes:

(S)-(-)-1-(1-Phenylethyl)-1H-imidazole-5-carboxylic acid; 1H-Imidazole-5-carboxylic acid, 1-(1-phenylethyl)-, (S)-; 1H-Imidazole-5-carboxylic acid, 1-[(1S)-1-phenylethyl]-;

Literature:

1. Bergström M. et al. In Vitro and In Vivo Primate Evaluation of Carbon-11-Etomidate and Carbon-11-Metomidate as Potential Tracers for PET Imaging of the Adrenal Cortex and Its Tumors. J. Nucl. Med. 1998, 39, 982-989.
2. Wadsak W. et al. Synthesis of [¹⁸F]FETO, a novel potential 11-beta hydroxylase inhibitor. J. Labelled Compd. Radiopharm. 2003, 46, 379-388.
3. Mitterhauser M. et al. In vivo and in vitro evaluation of [¹⁸F]FETO with respect to the adrenocortical and GABAergic system in rats. Eur. J. Nucl. Med. Mol. Imaging 2003, 30, 1398-401.

1782.0003: 3 mg per vial
Please inquire for customized filling and bulk quantities.

