

Catalogue Number	Product	Order number / Unit
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1410 Fluoromisonidazole
Reference standard for [¹⁸F]FMISO
([¹⁸F]Fluoromisonidazole)

Molar Mass: 189.14

C₆H₈N₃O₃F

[13551-89-8]

Yellow crystals packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

CA index name: 1H-Imidazole-1-ethanol, α-(fluoromethyl)-2-nitro-

Synonymes:

1-Fluoro-3-(2-nitro-imidazol-1-yl)-propan-2-ol; FMISO

Literature:

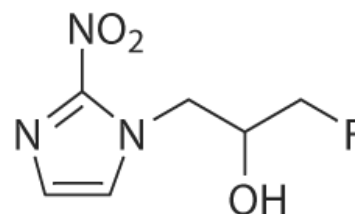
Oh S.J. et al. Fully automated synthesis of [¹⁸F]fluoromisonidazole using a conventional [¹⁸F]FDG module. Nucl. Med. Biol. 2005, 32, 899-905.

Lim J. et al. An efficient radiosynthesis of [¹⁸F]Fluoromisonidazole. Appl. Radiat. Isot. 1993, 44, 1085-1091.

Martin G.V. et al. Noninvasive detection of hypoxic myocardium using (¹⁸F)Fluoromisonidazole and positron emission tomography. J. Nucl. Med. 1992, 33, 2202-2208.

Rasey J.S. et al. Radiolabeled fluoromisoindazole as an imaging agent for tumor hypoxia. Int. J. Radiat. Oncol. Biol. Phys. 1989, 17, 985-991.

1410.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



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