

Catalogue Number	Product	Order number / Unit
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**1440****FETNIM**Reference standard for [<sup>18</sup>F]FETNIM**Molar Mass:** 219.17C<sub>7</sub>H<sub>10</sub>FN<sub>3</sub>O<sub>4</sub>

CAS-RN not yet assigned

[<sup>18</sup>F]FETNIM: [204977-05-9]

Colourless solid packaged in dark glass screw cap vials.

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>19</sup>F NMR spectra**Chemical Name:**

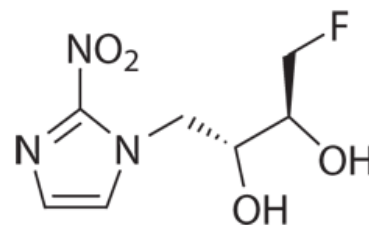
2,3-Butanediol, 1-fluoro-4-(2-nitro-1H-imidazol-1-yl)-, [R-(R\*,S\*)]-

**Synonymes:**

Fluoroerythronitroimidazole

**Literature:**

1. Yang D.J. et al. Development of F-18-labeled Fluoroerythro-nitroimidazole as a PET agent for imaging Tumor Hypoxia. Radiology 1995, 194, 795-800.
2. Grönroos T. et al. Pharmacokinetics of [<sup>18</sup>F]FETNIM, A Potential Hypoxia Marker for PET. J. Nucl. Med. 2001, 42, 1397-1404.
3. Lethiö K. et al. Imaging perfusion and hypoxia with PET to predict radiotherapy response in head-and-neck cancer. Int. J. Radiat. Oncol. Biol. Phys. 2004, 59, 971-982.

**1440.0010: 10 mg per vial**  
Please inquire for customized filling and bulk quantities.

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