

Catalogue Number	Product	Order number / Unit
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2930**FAC**

Reference standard for [¹⁸F]FAC
1-(2'-deoxy-2'-[¹⁸F]fluoroarabinofuranosyl)
cytosine

Molar Mass: 245.21

C₉H₁₂FN₃O₄

[56632-83-8]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

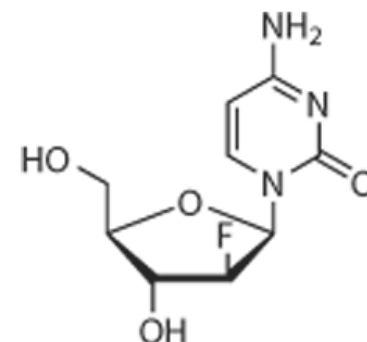
CA index name: 2(1H)-Pyrimidinone, 4-amino-1-(2-deoxy-2-fluoro-β-D-arabinofuranosyl)-

Synonymes:

1-(2'-Deoxy-2'-fluoro-β-D-arabinofuranosyl)cytosine; 4-Amino-1-(2-deoxy-2-fluoro-β-D-arabinofuranosyl)-2(1H)-pyrimidinone; 4-amino-1-[(2R,3S,4R,5R)-3-fluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidin-2-one; 4-Amino-1-(2-deoxy-2-fluoro-β-D-arabinofuranosyl)-2(1H)-pyrimidinone; FAC; β-FAC; β-D-FAC

Literature:

1. Radu C.G. et al. Molecular imaging of lymphoid organs and immune activation by positron emission tomography with a new [¹⁸F]-labeled 2'-deoxycytidine analog. *Nature Medicine* 2008, 14, 783-788.



2930.0002: 2 mg per vial
2930.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.