

(+/-)-4'-Hydroxymephenytoin-d3 Biochemical

(+/-)-4'-Hydroxymephenytoin-d3 ((+/-)-5-Ethyl-(4-hydroxyphenyl)-3-methylhydantoin-d3)

CATALOG #
AAA24110

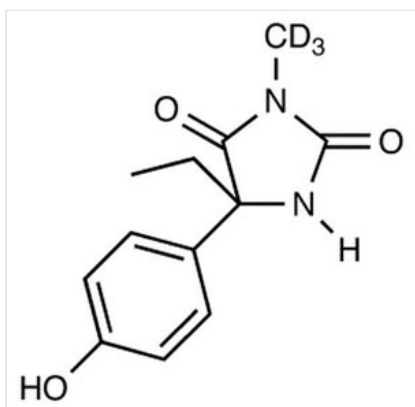
PRODUCT SYNONYMS

(+/-)-4'-Hydroxymephenytoin-d3; (+/-)-4'-Hydroxymephenytoin-d3 ((+/-)-5-Ethyl-(4-hydroxyphenyl)-3-methylhydantoin-d3); (+/-)-4'-Hydroxymephenytoin-d3 biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	Highly Purified Specification: $\geq 98\%$; Lot Analysis: HPLC: 98.46%; Isotopic: 99.9%
Form/Format	White to off-white solid
Source	Synthetic
CAS No.	1173022-56-4
Molecular Formula	$C_{12}H_{11}D_3N_2O_3$
Solubility	Acetonitrile (Slightly), Chloroform (Sparingly)
Method for Determining Identity	Specification: Proton NMR ($CDCl_3$) Spectroscopic and Mass Spectrometric Analysis ; Lot Analysis: Confirms to structure
Elemental Analysis	%C: 60.79, %H: 6.04, %N: 11.72
Preparation and Storage	May be stored at RT for short-term only. Long-term storage is recommended at -20 degrees C for up to 6 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



Structure

Structure of AAA241105-Ethyl-5-(4-hydroxyphenyl)-3-methyl-2,4-imidazolidinedione-d3; (+/-)-5-Ethyl-(4-hydroxyphenyl)-3-methylhydantoin-d3; p-Hydroxymephenytoin-d3

ADDITIONAL INFORMATION

Related Product Information for (+/-)-4'-Hydroxymephenytoin-d3 biochemical A deuterated CYP2C19 metabolite of Mephenytoin.

NCBI AND UNIPROT INFORMATION

Molecular Weight

237.27

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/biochemical/4-hydroxymephenytoin-d3/24110>