

Product Information

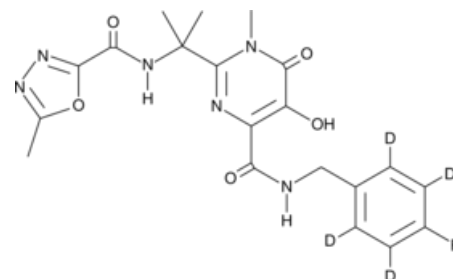


Raltegravir-d₄

Cat No: 26458 - 1 mg

General Data

Shipping:	dry ice
Formulation:	A solid
Purity:	≥99% deuterated forms (d1-d4)



Product Overview

Raltegravir-d₄ is intended for use as an internal standard for the quantification of raltegravir (Item No. 16071) by GC- or LC-MS. Raltegravir is an orally bioavailable inhibitor of HIV-1 integrase (IC₅₀ = 15 nM in a strand transfer assay).{26192} It inhibits the spread of HIV-1IIIb infection in MT-4 cell culture with 95% cell culture inhibitory concentration (CIC95) values of 19 and 31 nM in medium containing 10% heat-inactivated fetal bovine serum (FBS) or 50% normal human serum, respectively. Formulations containing raltegravir have been used in combination therapy in the treatment of HIV-1 infection.

FP/22/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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