

Product Data Sheet

Product Name: Osimertinib D6

Cat. No.: GC61161

Chemical Properties

Cas. No.

SMILES C=CC(NC1=CC(NC2=NC=CC(C3=CN(C)C4=C3C=CC=C4)=N2)=C(OC)C=C1N(CCN(C([2H])([2H])[2H])C([2H])([2H])[2H])C)=O

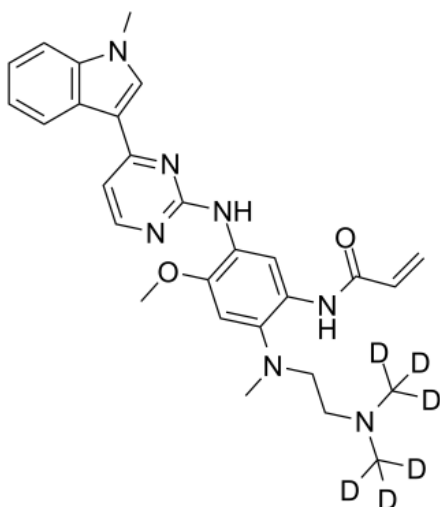
Formula $C_{28}H_{27}D_6N_7O_2$ M.Wt 505.64

Solubility Storage 4°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Osimertinib D6 (AZD-9291 D6) is a deuterium labeled Osimertinib. Osimertinib is an irreversible and mutant selective EGFR inhibitor with IC50s of 12 and 1 nM against EGFR L858R and EGFR L858R/T790M, respectively[1].

[1]. Cross DA, et al. AZD9291, an irreversible EGFR TKI, overcomes T790M-mediated resistance to EGFR inhibitors in lung cancer. Cancer Discov. 2014 Sep;4(9):1046-61.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA