

Product Name	: Dolutegravir intermediate-1
Synonyms	: 1-(2,2-dimethoxyethyl)-5-methoxy-6-(methoxycarbonyl)-4-oxo-1,4-dihydropyridine-3-carboxylic acid; 1-(2,2-dimethoxyethyl)-5-methoxy-6-methoxycarbonyl-4-oxopyridine-3-carboxylic acid
Cat No.	: M23489
CAS Number	: 1335210-23-5
Molecular Formula	: C ₁₃ H ₁₆ NO ₈
Formula Weight	: 314.3
Chemical Name	: —
Description	: Dolutegravir intermediate-1 is a new synthetic Dolutegravir intermediate extracted from patent WO 2016125192 A2. Dolutegravir is an integrase inhibitor developed for the treatment of human immunodeficiency virus (HIV)-1 infection.
Pathway	: Microbiology/Virology
Target	: HIV
Receptor	: HIV-1
Solubility	: DMSO: 100 mg/mL (285.46 mM; Need ultrasonic)
SMILES	: <chem>COC(CN(C=C(C([O-])=O)C1=O)C(C(OC)=O)=C1OC)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Sivaram Prasad, et al. Process for the preparation of dolutegravir . WO 2016125192 A2.