
Product Data Sheet

Product Name: Monodes(N-carboxymethyl)valine Daclatasvir

Cat. No.: GC61620

Chemical Properties

Cas. No. 1007884-60-7

SMILES COC(N[C@@H](C(C)C)C(N(CCC1[C@@H]1C2=NC(C3=CC=C(C4=CC=C(C5=CNC([C@H]6NCCC6)=N5)C=C4)C=C3)=CN2)=O)=O

Formula $C_{33}H_{39}N_7O_3$ M.Wt 581.71

Solubility DMSO : 250 mg/mL (429.77 mM; Need ultrasonic) Storage Store at -20°C

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

Structure

Background

Monodes(N-carboxymethyl)valine Daclatasvir (Daclatasvir Impurity A) is the main degradation product of Daclatasvir. Daclatasvir is a potent HCV NS5A protein inhibitor[1].

[1]. Naz A , et al. Simultaneous analysis of daclatasvir with its three organic impurities: Application in stability studies, pharmaceutical and serum samples[J]. Microchemical Journal, 2019.

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

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