
Product Data Sheet

Product Name: Foscarbidopa

Cat. No.: GC36069

Chemical Properties

Cas. No. 1907685-81-7

SMILES O=P(O)(O)OC(C=CC(C[C@@](NN)(C)C(O)=O)=C1)=C1OFormula C₁₀H₁₅N₂O₇P

M.Wt 306.21

Solubility H₂O : 40 mg/mL (130.63 mM; ultrasonic and warming and adjust pH to 9 with 1 M NaOH and heat to 60°C)Store
Storage at -
20°C

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**

Foscarbidopa (Carbidopa 4'-monophosphate) is a prodrug of Carbidopa, acts as a dopamine receptor agonist[1][2]. dopamine receptor[2]

[1]. Benoit CARDINAL-DAVID, et al. Carbidopa and L-Dopa Prodrugs and Methods of Use. US 20160106765 A1. [2]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 32, No. 4, 2018.

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

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