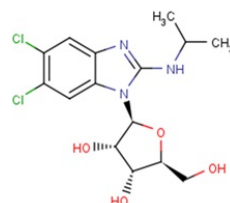


Product Name : Maribavir
Synonyms : Maribavir; 1263W-94; BW-1263W-94; GW-1263
Cat No. : M17375
CAS Number : 176161-24-3
Molecular Formula : C₁₅H₁₉Cl₂N₃O₄
Formula Weight : 376.24
Chemical Name : 5,6-Dichloro-2-(isopropylamino)-1-beta-L-ribofuranosyl-1H-benzimidazole



Description : Maribavir, also known as 1263W-94; BW-1263W-94; GW-1263; GW-257406X; SHP-620; VP-41263; BW-1263W94, is an UL97 kinase inhibitor potentially for the treatment of cytomegalovirus (CMV) infection. The mechanism by which maribavir inhibits HCMV replication is by inhibition of an HCMV encoded protein kinase enzyme called UL97 or pUL97.

Pathway : GPCR/G Protein

Target : S1P Receptor

Receptor : HCMV

Solubility : DMSO : ≥ 51 mg/mL 135.55 mM

SMILES : Clc1cc2n([C@@H]3O[C@@H]([C@@H](O)[C@H]3O)CO)c(NC(C)C)nc2cc1Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Karen KB, et al. Antimicrob Agents ChemOthers. August 2002 vol. 46 no. 8 2365-2372 2. Whitehurst CB, et al. MJ Virol. 2013 May;87(9):5311-5.