

Product Data Sheet

Product Name: Fostemsavir Tris

Cat. No.: GC36072

Chemical Properties

Cas. No. 864953-39-9

SMILES O=C(N1CCN(C(C2=CC=CC=C2)=O)CC1)C(C3=CN(COP(O)(O)=O)C4=C3C(OC)=CN=C4N5N=C(C)N=C5)=O.OCC(CO)(N)CO

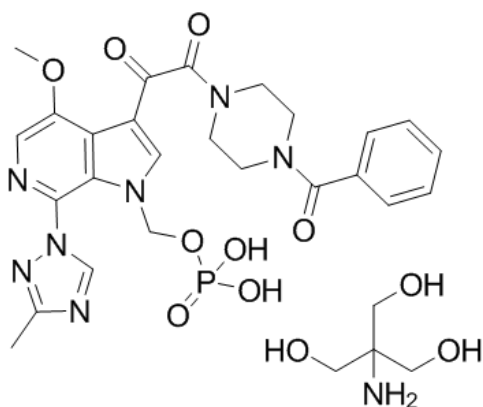
Formula $C_{29}H_{37}N_8O_{11}P$ M.Wt 704.62

Solubility DMSO: 125 mg/mL (177.40 mM) Storage Store 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

Fostemsavir Tris (BMS-663068 (Tris)) is the phosphonooxymethyl prodrug of BMS-626529. Fostemsavir Tris (BMS-663068 (Tris)) is a novel attachment inhibitor that targets HIV-1 gp120 and prevents its binding to CD4+ T cells. HIV-1[1]

Fostemsavir Tris has good antiviral activity in subjects infected with virus shown to be susceptible (IC₅₀, <100 nM) to the agent[1].

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

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[1]. Nowicka-Sans B, et al. In vitro antiviral characteristics of HIV-1 attachment inhibitor BMS-626529, the active component of the prodrug BMS-663068. Antimicrob Agents Chemother. 2012 Jul;56(7):3498-507.

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