

Product Data Sheet

Product Name: AG-7404

Cat. No.: GB62245

Chemical Properties

Cas. No. 343565-99-1

SMILES O=C(OCC)/C=C/[C@@H](NC([C@@H](N1C=CC=C(NC(C2=NOC(C)=C2)=O)C1=O)C#C)=O)C[C@H]3C(NCC3)=O

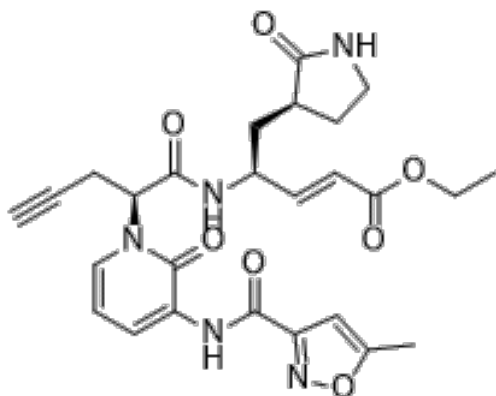
Formula C₂₆H₂₉N₅O₇ M.Wt 523.546

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips 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 Condition blue ice upon request.

Structure



Background

AG-7404 is a potent protease inhibitor with Anti-poliovirus activity. AG-7404 was active against all virus with EC₅₀ values ranging from 0.080 to 0.674 μM. AG-7404 was fully active against all V-073-resistant variants, with EC₅₀ values ranging from 0.218 to 0.819 μM, compared to values of 0.202-0.407 μM for the V-073-susceptible parental strains. In vitro drug combination experiments demonstrated synergy between AG-7404 and either V-073 or BTA798, whereas the combination of the two capsid inhibitors acted additively.

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

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