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## Product Data Sheet

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Product Name: (R,S)-Ivosidenib ((R,S)-AG-120)

Cat. No.: GC34417

### Chemical Properties

Cas. No.

SMILES FC1(F)CC(NC([C@H](N(C2=CC(F)=CN=C2)C([C@@H](N3C4=NC=CC(C#N)=C4)CCC3=O)=O)C5=CC=CC=C5Cl)=O)C1

Formula C<sub>28</sub>H<sub>22</sub>ClF<sub>3</sub>N<sub>6</sub>O<sub>3</sub>

M.Wt 582.96

Solubility DMSO : 3.33 mg/mL (5.71 mM); Water : &lt; 0.1 mg/mL (insoluble)

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

(R,S)-Ivosidenib is a inhibitor of Isocitrate Dehydrogenase (IDH1). Target: IDH1

[1]. Agresta Samuel V, et al. (S)-N-((S)-1-(2-Chlorophenyl)-2-((3,3-difluorocyclobutyl)amino)-2-oxoethyl)-1-(4-cyanopyridin-2-yl)-N-(5-fluoropyridin-3-yl)-5-oxopyrrolidine-2-carboxamide as therapeutically active compound for treating cancer characterized by a [2]. Gu Chong-Hui, et al. Pharmaceutical compositions of therapeutically active compounds comprising (S)-N-((S)-1-(2-chlorophenyl)-2-[(3,3-difluorocyclobutyl)amino]-2-oxoethyl)-1-(4-cyanopyridin-2-yl)-N-(5-fluoropyridin-3-yl)-5-oxopyrrolidine-2-carboxamide for

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

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