

Product Data Sheet

Product Name: (S)-2-Amino-4-(3-hydroxyguanidino)butanoic acid dihydrochloride

Cat. No.: GF48934

Chemical Properties

Cas. No. 291758-32-2

Formula C₅H₁₄Cl₂N₄O₃ M.Wt 249.1

Solubility DMSO : 100 mg/mL (401.45 mM; Storage 2-8°C
Need ultrasonic)

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

nor-NOHA dihydrochloride is a selective and reversible arginase inhibitor. nor-NOHA dihydrochloride induces apoptosis in ARG2-expressing cells under hypoxia. nor-NOHA dihydrochloride has anti-

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

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leukemic activity. nor-NOHA dihydrochloride can be used in study endothelial dysfunction, immunosuppression and metabolism.

[1]. Ng KP, et al. The arginase inhibitor N^ω-hydroxy-nor-arginine (nor-NOHA) induces apoptosis in leukemic cells specifically under hypoxic conditions but CRISPR/Cas9 excludes arginase 2 (ARG2) as the functional target. PLoS One. 2018 Oct 11;13(10):e0205254.

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