

Product Data Sheet

Product Name: Arginase inhibitor 2 hydrochloride

Cat. No.: GC79392

Chemical Properties

Cas. No. 1345672-75-4

Formula $C_{18}H_{29}BCl_4N_2O_4$

M.Wt 490.06

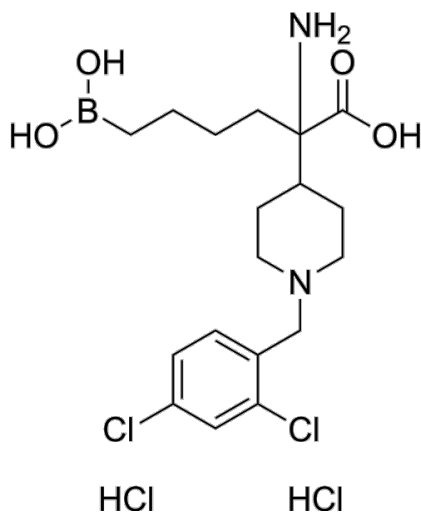
Solubility

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

Arginase inhibitor 2 hydrochloride is an Arginase inhibitor. Arginase inhibitor 2 hydrochloride synergizes with adoptively transferred antigen-specific T cells to inhibit tumor growth [1].

In Vitro, Arginase inhibitor 2 hydrochloride (Page 130 in reference patent) is an arginase inhibitor. Arginases are a class of hydrolases that catalyze the hydrolysis of L-arginine into L-ornithine and urea, playing key roles in nitrogen metabolism, NO balance, cell proliferation, and immune regulation[1].

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

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References:

[1]. Amani MAKKOUK, et al. Arginase inhibitor combination therapies. Patent. WO2018089490

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