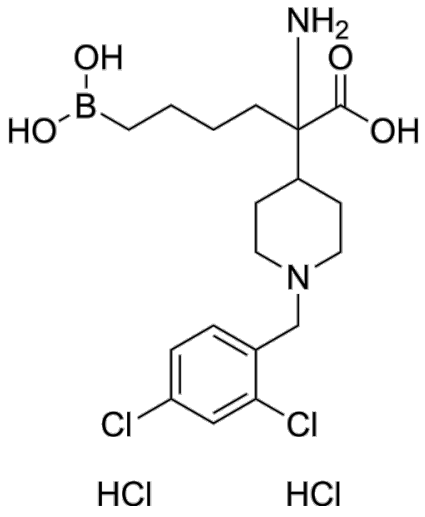
Product Data Sheet

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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

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