Product Data Sheet

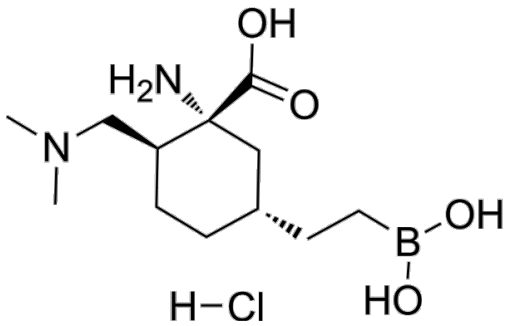
Product Name: OATD-02 hydrochloride
Cat. No.: GC73548

Chemical Properties

Cas. No.

Formula	$C_{12}H_{26}BClN_2O_4$	M.Wt	308.61
Solubility	H_2O : 250 mg/mL (810.08 mM; Need ultrasonic)	Storage	-20°C, protect from light, stored under nitrogen
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

OATD-02 drochloride is the drochloride salt form of OATD-02 . OATD-02 drochloride an orally active, competitive, reversible, noncovalent dual inhibitor of Arginase1 and Arginase2. OATD-02 drochloride is a slow offset inhibitor, blocking intracellular arginases with IC50s of 20 nM (hARG1), 39 nM

Product Data Sheet

(hARG2), 39 nM (mARG1), and 28 nM (rARG1), respectively. OATD-02 drochloride bolishes tumor immunosuppression induced by both arginases. OATD-02 drochloride can be used for melanoma study.

References:

[1]. Borek B, et al. Arginase 1/2 Inhibitor OATD-02: From Discovery to First-in-man Setup in Cancer Immunotherapy. Mol Cancer Ther. 2023;22(7):807-817.

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