

Product Information

Product ID A040068

CAS No. 2105904-82-1

Chemical Name

Synonym AB680, Quemliclustat

Formula C₂₀H₂₄ClFN₄O₉P₂

Formula Wt. 580.83

Melting Point

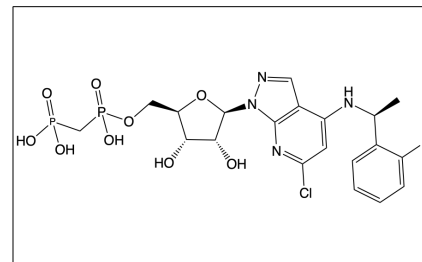
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description AB-680 is an inhibitor of CD73, which plays a key role in tumor growth, metastasis, and tumor-associated macrophage upregulation.



Bulk quantities available upon request

Product ID	Size
A040068	1 mg
A040068	5 mg
A040068	10 mg

References Faraoni E, Strickland L, O'Brien B, et al. Radiofrequency ablation in combination with CD73 inhibitor AB680 reduces tumor growth and enhances anti-tumor immunity in a syngeneic model of pancreatic ductal adenocarcinoma. *Front Oncol.* 2022 Sep 6;12:995027. PMID: 36147911

Noh J, Lee I, Han N, et al. Additive effect of CD73 inhibitor in colorectal cancer treatment with CDK4/6 inhibitor through regulation of PD-L1. *Cell Mol Gastroenterol Hepatol.* 2022;14(4):769-788. PMID: 35843546

Kim M, Min Y, Jang J, et al. Single-cell RNA sequencing reveals distinct cellular factors for response to immunotherapy targeting CD73 and PD-1 in colorectal cancer. *J Immunother Cancer.* 2021 Jul;9(7):e002503. PMID: 34253638

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.