
Product Data Sheet

Product Name: PIN1 inhibitor API-1

Cat. No.: GC38036

Chemical Properties

Cas. No. 680622-70-2

SMILES O=C(NCC1=CC=C(COC2=C3NC=NC3N=C(N)N2)C=C1)C(F)(F)FFormula $C_{15}H_{15}F_3N_6O_2$ M.Wt 368.31

Solubility DMSO: 250 mg/mL (682.50 mM) 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**

PIN1 inhibitor API-1 is a specific Pin1 (peptidyl-prolyl cis-trans isomerase NIMA-interacting 1) inhibitor with IC₅₀ of 72.3 nM. PIN1 inhibitor API-1 targets Pin1 peptidyl-prolyl isomerase domain and inhibits Pin1 cis-trans isomerizing activity. PIN1 inhibitor API-1 up-regulates miRNA biogenesis by retaining active XPO5 conformation and suppresses HCC development.

[1] Wenchen Pu, et al. Hepatology. 2018 Aug;68(2):547-560.

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