

Product Data Sheet

Product Name: APS-2-79 (Standard)

Cat. No.: GC81733

Chemical Properties

Cas. No. 2002381-25-9

Formula $C_{23}H_{21}N_3O_3$

M.Wt 387.43

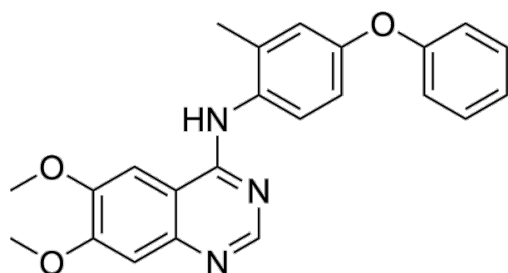
Solubility

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

APS-2-79 (Standard) is the analytical standard of APS-2-79. This product is intended for research and analytical applications. APS-2-79 is a KSR-dependent MEK antagonist. APS-2-79 inhibits ATPbiotin binding to KSR2 within the KSR2-MEK1 complex with an IC_{50} of 120 nM. APS-2-79 makes the stabilization of the KSR inactive state antagonizes oncogenic Ras-MAPK signaling.

References:

[1]. Dhawan NS, et al. Small molecule stabilization of the KSR inactive state antagonizes oncogenic Ras signalling. Nature. 2016 Aug 24;537(7618):112-116.

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