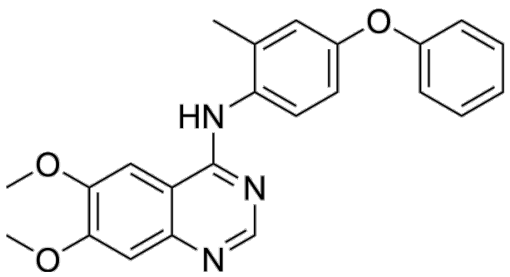
Product Data Sheet

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 size: 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 complexe 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