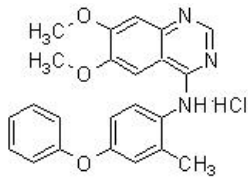


Product datasheet

APS-2-79, KSR-dependent MAPK modulator ab235553

Overview

Product name	APS-2-79, KSR-dependent MAPK modulator
Description	KSR-dependent MAPK modulator.
Biological description	Kinase suppressor of Ras (KSR)-dependent MAPK modulator (IC ₅₀ of KSR2 = 120 ± 23 nM). Modulates signaling by antagonizing RAF heterodimerization as well as the conformational changes required for phosphorylation and activation of KSR-bound MEK. Binds to the ATP-binding domain of KSR proteins stabilizing them in an inactive state complexed with MEK.
Purity	> 98%
CAS Number	2002381-31-7
Chemical structure	

Properties

Chemical name	6,7-dimethoxy-N-(2-methyl-4-phenoxyphenyl)quinazolin-4-amine hydrochloride
Molecular weight	423.89
Molecular formula	C ₂₃ H ₂₂ ClN ₃ O ₃
PubChem identifier	122177134
Storage instructions	Shipped at 4°C. Store at -20°C. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 228.83mM and in Ethanol to 75.49 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CC1=C(C=CC(=C1)OC2=CC=CC=C2)NC3=NC=NC4=CC(=C(C=C43)OC)OC.Cl
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team