

KRAS G12C inhibitor 18 Biochemical | KRASG12C biochemical

KRAS G12C inhibitor 18

CATALOG #
AAA228564

PRODUCT SYNONYMS

KRAS G12C inhibitor 18; 2'-Amino-2'-deoxyadenosine-5'-triphosphate; KRASG12C biochemical

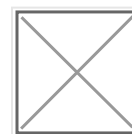
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2649788-45-2
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	KRAS G12C inhibitor 18 exhibits a dose dependent inhibition of pERK and active KRas after a single dose treatment from 12.5 to 100 mg/kg at 8 hours[1]. KRAS G12C inhibitor 18 (30 mg/kg; p.o.; twice daily) exhibits anti-tumor growth activity in lung cancer H358 xenograft mouse model[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
2'-NH₂-ATP, CAS 61468-88-0



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ADDITIONAL INFORMATION

Related Product Information for KRASG12C biochemical	KRAS G12C inhibitor 18 is a potent and orally active KRAS G12C inhibitor. Anti-tumor activities.
References	- Armstrong VW, et, al. Interaction of substrate analogues with Escherichia coli DNA-dependent RNA polymerase. Eur J Biochem. 1976 Nov 1;70(1):33-8. - Faylene A. L. KINETIC STUDIES ON WILD-TYPE AND MUTANT ESCHERICHIA COLICYTIDINE 5'-TRIPHOSPHATE SYNTHASES AND INHIBITOR DEVELOPMENT. Dalhousie University Halifax, Nova Scotia. 2008 Jul. - Aström H, et, al. Acidity of secondary hydroxyls in ATP and adenosine analogues and the question of a 2',3'-hydrogen bond in ribonucleosides. J Am Chem Soc. 2004 Nov 17;126(45):14710-1.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/krasg12c-biochemical/kras-g12c-inhibitor-18/228564>