

2-(2-fluoro-6-methoxyphenyl)pyrimidine-4-carboxylic acid

Chemical Properties

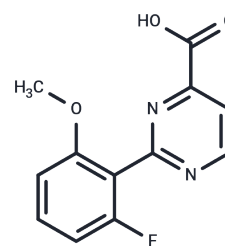
CAS No. : 1502645-66-0

Formula: C₁₂H₉FN₂O₃

Molecular Weight: 248.21

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-(2-fluoro-6-methoxyphenyl)pyrimidine-4-carboxylic acid is commonly used to synthesize compounds with anticancer and antitumor properties.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 6.25 mg/mL (25.18 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0288 mL	20.1442 mL	40.2885 mL
5 mM	0.8058 mL	4.0288 mL	8.0577 mL
10 mM	0.4029 mL	2.0144 mL	4.0288 mL
50 mM	0.0806 mL	0.4029 mL	0.8058 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Vechorkin, et al. Preparation of N-(phenyl)-2-(phenyl)pyrimidine-4-carboxamide derivatives and related compounds as HPK1 inhibitors for treating cancer. WO2019164846A1.

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