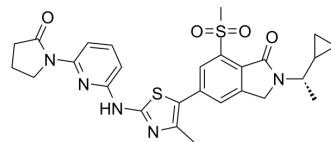


AZD8154

Cat. No.:	HY-115870		
CAS No.:	2215022-45-8		
Molecular Formula:	C ₂₇ H ₂₉ N ₅ O ₄ S ₂		
Molecular Weight:	551.68		
Target:	PI3K		
Pathway:	PI3K/Akt/mTOR		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (45.32 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8126 mL	9.0632 mL	18.1265 mL
5 mM	0.3625 mL	1.8126 mL	3.6253 mL
10 mM	0.1813 mL	0.9063 mL	1.8126 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

AZD8154 is a novel inhaled selective PI3K γ δ dual inhibitor targeting airway inflammatory disease.

IC₅₀ & Target

PI3K γ

REFERENCES

[1]. Sadiq MW, et al. Characterisation of pharmacokinetics, safety and tolerability in a first-in-human study for AZD8154, a novel inhaled selective PI3K γ δ dual inhibitor targeting airway inflammatory disease. Br J Clin Pharmacol. 2021 Jun 28.

Caution: Product has not been fully validated for medical applications. For research use only.

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