



LKT Laboratories, Inc.

CAY10505

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Product Information

Product ID C0396

CAS No. 1218777-13-9

Chemical Name

Synonym

Formula C₁₄H₈FNO₃S

Formula Wt. 289.28

Melting Point

Purity ≥98%

Solubility DMSO 58 mg/mL (200.49 mM)

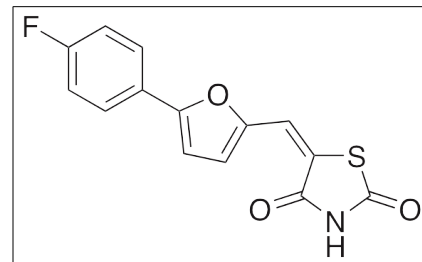
Water Insoluble

Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description CAY10505 is an inhibitor of p110γ PI3K. CAY10505 increases endothelial relaxation, normalizes levels of glutathione, nitrate, and nitrite, and alters the vascular endothelial lining in hypertensive rats, improving vascular endothelial dysfunction.



Bulk quantities available upon request

Product ID	Size
C0396	5 mg
C0396	10 mg
C0396	25 mg

References Tyagi S, Sharma S, Budhiraja RD. Effect of phosphatidylinositol 3-kinase-γ inhibitor CAY10505 in hypertension, and its associated vascular endothelium dysfunction in rats. *Can J Physiol Pharmacol.* 2012 Jul;90(7):881-5. PMID: 22731503.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.