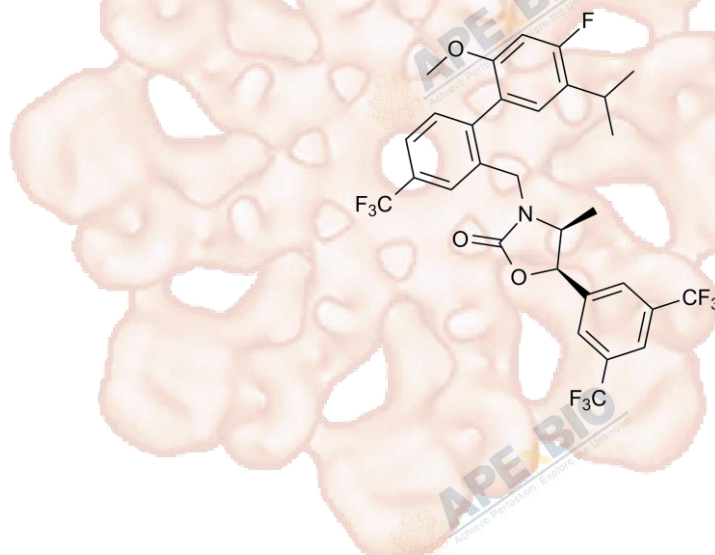


Product Data Sheet

Anacetrapib (MK-0859)

Cat. No.:	A4375
CAS No.:	875446-37-0
Formula:	C30H25F10NO3
M.Wt:	637.51
Synonyms:	MK 0859, MK0859
Target:	Metabolism
Pathway:	CETP
Storage:	Store at -20°C



Solvent & Solubility

≥31.9 mg/mL in DMSO; insoluble in H₂O; ≥86.6 mg/mL in EtOH

In Vitro

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1mg	5mg	10mg
	1 mM		1.5686 mL	7.8430 mL	15.6860 mL
	5 mM		0.3137 mL	1.5686 mL	3.1372 mL
	10 mM		0.1569 mL	0.7843 mL	1.5686 mL

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

Biological Activity

Shortsummary

RhCETP/mutant CETP(C13S) inhibitor

IC₅₀ & Target

7.9 nM (rhCETP), 11.8 nM (mutant CETP(C13S))

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Lee EY, Yoo JA, et al. "Anti-Aging and Tissue Regeneration Ability of Policosanol Along with Lipid-Lowering Effect in Hyperlipidemic Zebrafish via Enhancement of High-Density Lipoprotein Functionality." Rejuvenation Res. 2016 Apr;19(2):149-58.PMID:26413884

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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