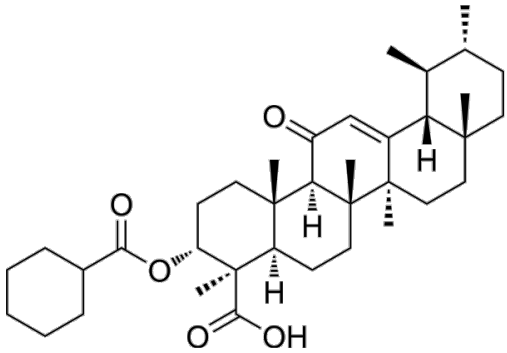
Product Data Sheet

Product Name: Selovoxolone
Cat. No.: GC79726

Chemical Properties

Cas. No.	1786406-66-3		
Formula	$C_{37}H_{56}O_5$	M.Wt	580.84
Solubility	DMSO: 100 mg/mL (172.16 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Product Data Sheet

Selovoxolone (CKBA), a derivative of AKBA is an inhibitor of acetyl-CoA carboxylase 1 (ACC1), with an IC_{50} of 5.02 μM. Selovoxolone inhibits the differentiation of Th17 cells and has IC_{50} values of 3.28 μM for mouse cells and 3.61 μM for human cells. Selovoxolone ointment significantly alleviates psoriasis-like inflammation in mice. Selovoxolone can be used for the study of psoriasis [1].

References:

[1]. Lou F, et al. Identification and pre-clinical investigation of 3-O-cyclohexanecarbonyl-11-keto-β-boswellic acid as a drug for external use to treat psoriasis. Br J Pharmacol. 2024 Apr;181(8):1290-1307.

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