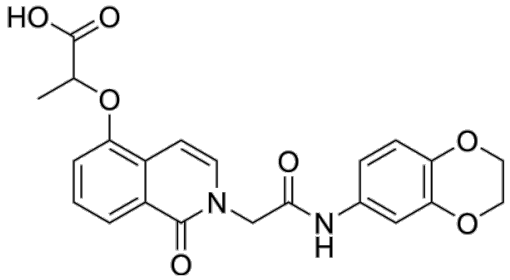
Product Data Sheet

Product Name: Desethyl-SID 7969543
Cat. No.: GC79769

Chemical Properties

Cas. No.			
Formula	$C_{22}H_{20}N_2O_7$	M.Wt	424.4
Solubility		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

Desethyl-SID 7969543 is an isoquinolinone analog of SID 7969543 and a selective SF-1 (NR5A1) inhibitor. Desethyl-SID 7969543 shows no activity against RORA, VP16 and LRH-1, and exhibits no cytotoxicity at concentrations close to its SF-1 IC_{50} value [1] [2].

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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[1]. Madoux F, et al. Potent, selective and cell penetrant inhibitors of SF-1 by functional ultra-high-throughput screening[J]. Molecular pharmacology, 2008, 73(6): 1776-1784.
[2]. Roth J, et al. Synthesis of small molecule inhibitors of the orphan nuclear receptor steroidogenic factor-1 (NR5A1) based on isoquinolinone scaffolds. Bioorg Med Chem Lett. 2008;18(8):2628-2632.

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