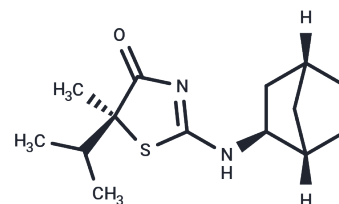


AMG-221

Chemical Properties

CAS No. : 1095565-81-3
Formula: C₁₄H₂₂N₂O₂S
Molecular Weight: 266.4
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description AMG-221 is a potent and selective 11β-HSD1 inhibitor. AMG-221 decreased fed blood glucose and insulin levels and reduced body weight in diet-induced obesity mice.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7538 mL	18.7688 mL	37.5375 mL
5 mM	0.7508 mL	3.7538 mL	7.5075 mL
10 mM	0.3754 mL	1.8769 mL	3.7538 mL
50 mM	0.0751 mL	0.3754 mL	0.7508 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Gao Q, Kimura RE, Zhang X, Nam J, Amore BM, Hickman D, Greg Slatter J, Emery MG. Intestinal and hepatic first-pass extraction of the 11β-HSD1 inhibitor AMG 221 in rats with chronic vascular catheters. *Xenobiotica*. 2014 Mar;

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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