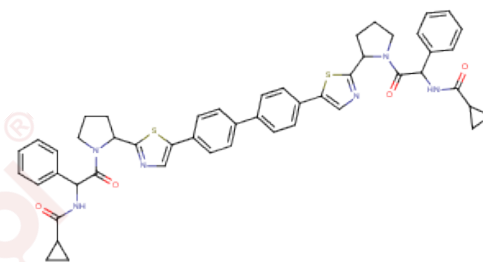


DBPR-110

Chemical Properties

CAS No. : 1310694-75-7
 Formula: C₅₀H₄₈N₆O₄S₂
 Molecular Weight: 861.09
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DBPR-110 is a nonstructural protein 5A (NS5A) inhibitor. DBPR-110 reduced the reporter expression of the HCV1b replicon with a EC(50) and a selective index value of 3.9 ± 0.9 pM and $>12,800,000$, respectively. DBPR-110 reduced HCV2a replicon activity with an EC(50) and a selective index value of 228.8 ± 98.4 pM and $>173,130$, respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1613 mL	5.8066 mL	11.6132 mL
5 mM	0.2323 mL	1.1613 mL	2.3226 mL
10 mM	0.1161 mL	0.5807 mL	1.1613 mL
50 mM	0.0232 mL	0.1161 mL	0.2323 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

Lin HM, Wang JC, Hu HS, Wu PS, Wang WH, Wu SY, Yang CC, Yeh TK, Hsu TA, Jiaang WT, Chao YS, Chern JH, Yueh A. Resistance studies of a dithiazol analogue, DBPR110, as a potential hepatitis C virus NS5A inhibitor in replicon

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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