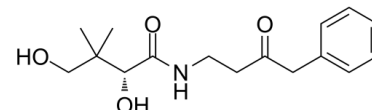


Data Sheet

Product Name:	RR6
Cat. No.:	CS-5998
CAS No.:	1351758-37-6
Molecular Formula:	C ₁₆ H ₂₃ NO ₄
Molecular Weight:	293.36
Target:	Others
Pathway:	Others
Solubility:	DMSO : ≥ 100 mg/mL (340.88 mM)



BIOLOGICAL ACTIVITY:

RR6 is a selective, reversible, and competitive vanin inhibitor. target: vanin In vivo: Oral administration of RR6 in rats completely inhibited plasma vanin activity and caused alterations of plasma lipid concentrations upon fasting, thereby illustrating its potential use in chemical biology research. RR6 at 3 mg/mL in rats caused a nearly complete inhibition of plasma vanin.

References:

[1]. Jansen PA et al. Discovery of small molecule vanin inhibitors: new tools to study metabolism and disease. ACS Chem Biol. 2013 Mar 15;8(3):530-4.

CAIndexNames:

Butanamide, 2-hydroxy-3-(hydroxymethyl)-3-methyl-N-(3-oxo-4-phenylbutyl)-, (2R)-

SMILES:

CC(C)(CO)[C@@H](O)C(NCCC(CC1=CC=CC=C1)=O)=O

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

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