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产品名称: **VCH-916**
产品别名: **VCH-916**

生物活性:

Description	VCH-916 is a novel nonnucleoside HCV NS5B polymerase inhibitor. IC50 Value: Target: HCV VCH-916 is a novel allosteric inhibitor of HCV NS5B polymerase. The RNA-dependent RNA polymerase (NS5B) of HCV is one of the attractive validated targets for development of new drugs to block HCV infection. VCH-916 is currently being evaluated for safety/tolerability, pharmacokinetics and anti-viral efficacy in chronically infected HCV patient.				
Solvent&Solubility	<i>In Vitro:</i> DMSO : ≥ 39 mg/mL (78.36 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>Solvent / Mass / Concentration</div>	1 mg	5 mg	10 mg
		1 mM	2.0091 mL	10.0456 mL	20.0912 mL
		5 mM	0.4018 mL	2.0091 mL	4.0182 mL
		10 mM	0.2009 mL	1.0046 mL	2.0091 mL
	*请根据产品在不同溶剂中的溶解度选择合适的溶剂配制储备液; 一旦配成溶液, 请分装保存, 避免反复冻融造成的产品失效。 储备液的保存方式和期限: -80°C, 6 months; -20°C, 1 month。 -80°C 储存时, 请在 6 个月内使用, -20°C 储存时, 请在 1 个月内使用。				
References	<p>[1]. Ludmila Gerber, Tania M. Welzel, Stefan Zeuzem. New therapeutic strategies in HCV: polymerase inhibitors. Liver International. 2013,33(s1): 85-92</p> <p>[2]. Abdelrahman S. Mayhoub. Hepatitis C RNA-dependent RNA polymerase inhibitors: A review of structure-activity and resistance relationships; different scaffolds and mutations. Bioorganic & Medicinal Chemistry. 2012, 20 (10): 3150-3161.</p> <p>[3]. Debasis Dasa, Jian Honga, Shu-Hui Chena, et al. Recent advances in drug discovery of benzothiadiazine and related analogs as HCV NS5B polymerase inhibitors. Bioorganic & Medicinal Chemistry. 2011, 19(16): 4690-4703</p> <p>[4]. Pierre L Beaulieu. Recent advances in the development of NS5B polymerase inhibitors for the treatment of hepatitis C virus infection. Informahealthcare. 2009, 19(2): 145-164</p> <p>[5]. Safety,Tolerability and Pharmacokinetics of Multiple Ascending Doses of VCH 916 in Subjects With Chronic Hep C Infection</p>				