



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

产品名称:

4-[6-Methoxy-2-[(1E)-2-(3-nitrophenyl)ethenyl]-4-oxo-3(4H)-quinazolinyl]-benzoic Acid

产品别名: **QNZ46**

生物活性:

Description	QNZ46 is a NR2C/NR2D-selective NMDA receptor non-competitive antagonist (IC50 values are 3, 6, 229, and >300, >300 μ M for NR2D, NR2C, NR2A, NR2B, and GluR1, respectively). IC50 value: 3 μ M (for NR2D), 6 μ M (for NR2C), 229 μ M (for NR2D NR2A) Target: NR2D, NR2C, NR2A in vitro: QNZ46 is a noncompetitive inhibitor of GluN2C/D containing NMDA receptors. KD and IC50 values for binding and inhibition of GluN1/GluN2D receptors by QNZ46 are 4.9 and 3.9 μ M, respectively. QNZ46 does not compete for binding of glutamate or glycine, but QNZ46 receptor binding requires the binding of glutamate to the GluN2 subunit.				
Solvent&Solubility	<i>In Vitro:</i> DMSO : \geq 4.5 mg/mL (10.15 mM) * " \geq " means soluble, but saturation unknown.				
	Preparing Stock Solutions	<div>SolventMassConcentration</div>	1 mg	5 mg	10 mg
		1 mM	2.2552 mL	11.2762 mL	22.5525 mL
		5 mM	0.4510 mL	2.2552 mL	4.5105 mL
		10 mM	0.2255 mL	1.1276 mL	2.2552 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	[1]. Hansen KB, et al. Structural and mechanistic determinants of a novel site for noncompetitive inhibition of GluN2D-containing NMDA receptors. J Neurosci. 2011 Mar 9;31(10):3650-3661.				