

PRLX-93936

## Chemical Properties

CAS No. : 903499-49-0

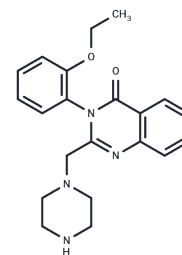
Formula: C<sub>21</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 364.44

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

**Description** PRLX-93936 is a selective Ras pathway protein inhibitor that modulates RAS/JNK pathway-associated protein phosphorylation, induces caspase-dependent apoptosis and cell cycle arrest, and exhibits anticancer activity.

**Targets(IC50)** Apoptosis, Cell Cycle Arrest, HIF/HIF Prolyl-Hydroxylase, JNK, Ras

## Solubility Information

**Solubility** DMSO: Soluble, Sonication is recommended.  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7439 mL	13.7197 mL	27.4394 mL
5 mM	0.5488 mL	2.7439 mL	5.4879 mL
10 mM	0.2744 mL	1.372 mL	2.7439 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Huang W, et al. Synthesis and evaluation of quinazolin-4-ones as hypoxia-inducible factor-1 $\alpha$  inhibitors. *Bioorg Med Chem Lett*. 2011 Sep 15;21(18):5239-43.

Voorhees P M, et al. An open-label, dose escalation, multi-center phase 1 study of PRLX 93936, an agent synthetically active against the activated ras pathway, in the treatment of relapsed or relapsed and refractory multiple myeloma[J]. *Blood*, 2014, 124(21): 2140.

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