

p53 and MDM2 proteins-interaction-inhibitor (racemic)

**Chemical Properties**

CAS No.:	939983-14-9
Formula:	C <sub>40</sub> H <sub>49</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	734.75
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	p53 and MDM2 proteins-interaction-inhibitor (racemic) is an inhibitor of the interaction between p53 and MDM2 proteins.
Targets(IC <sub>50</sub> )	Others: None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.361 mL	6.805 mL	13.61 mL
5 mM	0.272 mL	1.361 mL	2.722 mL
10 mM	0.136 mL	0.681 mL	1.361 mL
50 mM	0.027 mL	0.136 mL	0.272 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Vu B, et al. Discovery of RG7112: A Small-Molecule MDM2 Inhibitor in Clinical Development. ACS Med Chem Lett. 2013 Apr 2;4(5):466-9.

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