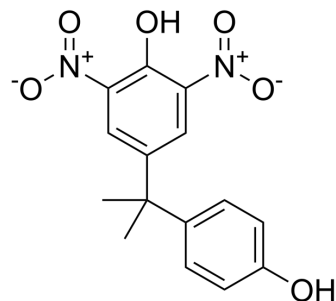


## GPR35 agonist 5

<b>Cat. No.:</b>	HY-149190	
<b>CAS No.:</b>	2226201-24-5	
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>	
<b>Molecular Weight:</b>	318.28	
<b>Target:</b>	GPR35	
<b>Pathway:</b>	GPCR/G Protein	
<b>Storage:</b>	Powder	-20°C 3 years 4°C 2 years
	In solvent	-80°C 6 months -20°C 1 month



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	DMSO : 100 mg/mL (314.19 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	3.1419 mL	15.7094 mL	31.4189 mL
		5 mM	0.6284 mL	3.1419 mL	6.2838 mL
10 mM		0.3142 mL	1.5709 mL	3.1419 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	<ol style="list-style-type: none"> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.85 mM); Clear solution; Need ultrasonic</li> <li>Add each solvent one by one: 10% DMSO &gt;&gt; 90% corn oil Solubility: 2.5 mg/mL (7.85 mM); Clear solution; Need ultrasonic</li> </ol>				

### BIOLOGICAL ACTIVITY

<b>Description</b>	GPR35 agonist 5 (3,5-dinitro-bisphenol A; compound 6) is a weak GPR35 agonist. GPR35 agonist 5 arrests CHO-S cells at the G1/G0 phase <sup>[1]</sup> .
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### REFERENCES

[1]. Jinlin Peng, et al. Chemical Identity and Mechanism of Action and Formation of a Cell Growth Inhibitory Compound from Polycarbonate Flasks. Anal Chem. 2018 Apr 3;90(7):4603-4610.

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

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