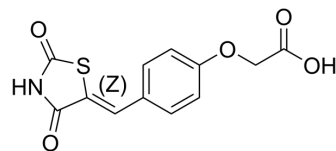


## GPR35 agonist 4

Cat. No.:	HY-107539		
CAS No.:	871085-49-3		
Molecular Formula:	C <sub>12</sub> H <sub>9</sub> NO <sub>5</sub> S		
Molecular Weight:	279.27		
Target:	GPR35		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	GPR35 agonist 4 (compound 10) is a potent GPR35 agonist with an pEC <sub>50</sub> of 5.86. GPR35 agonist 4 shows high potency human and rat GPR35. Mutation of arginine 3.36 eliminates agonist function of GPR35 agonist 4 <sup>[1]</sup> .
IC <sub>50</sub> & Target	GPR35 <sup>[1]</sup>

### REFERENCES

[1]. Jenkins L, et al. Agonist activation of the G protein-coupled receptor GPR35 involves transmembrane domain III and is transduced via Gα<sub>13</sub> and β-arrestin-2. Br J Pharmacol. 2011 Feb;162(3):733-48.

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

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