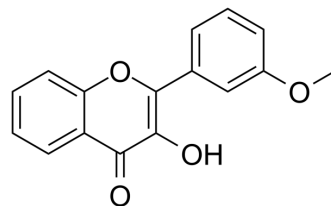


## 3'-Methoxyflavonol

<b>Cat. No.:</b>	HY-N6629		
<b>CAS No.:</b>	76666-32-5		
<b>Molecular Formula:</b>	C <sub>16</sub> H <sub>12</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	268.26		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 155 mg/mL (577.80 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7277 mL	18.6386 mL	37.2773 mL
	5 mM	0.7455 mL	3.7277 mL	7.4555 mL
	10 mM	0.3728 mL	1.8639 mL	3.7277 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

<b>Description</b>	3'-Methoxyflavonol is a selective agonist of neuromedin U 2 receptor (NMU2R).
<b>IC<sub>50</sub> &amp; Target</b>	NMU2R <sup>[1]</sup>
<b>In Vitro</b>	3'-Methoxyflavonol (NRA 10) is a selective agonist of neuromedin U 2 receptor (NMU2R) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ma ML, et al. Design, synthesis and biological activity of flavonoid derivatives as selective agonists for neuromedin U 2 receptor. Bioorg Med Chem. 2014 Nov 1;22(21):6117-23.

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

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