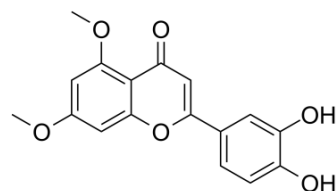


## 5,7-Dimethoxyluteolin

Cat. No.:	HY-111928
CAS No.:	90363-40-9
Molecular Formula:	C <sub>17</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight:	314.29
Target:	Dopamine Transporter
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	5,7-Dimethoxyluteolin, a 5,7-dimethyluteolin derivative, is a dopamine transporter (DAT) activator with an EC <sub>50</sub> of 3.417 μM [1].
IC <sub>50</sub> & Target	EC50: 3.417 μM (Dopamine transporter) <sup>[1]</sup>

### REFERENCES

[1]. Jiange Zhang, et al. Discovery and synthesis of novel luteolin derivatives as DAT agonists. *Bioorg Med Chem*. 2010 Nov 15;18(22):7842-8.

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

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