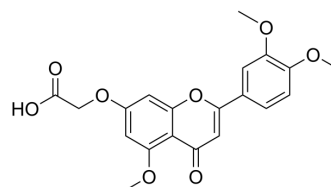


## Recoflavone

Cat. No.:	HY-106449
CAS No.:	203191-10-0
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> O <sub>8</sub>
Molecular Weight:	386.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Recoflavone is a synthetic derivative of eupatilin that has a protective effect on gastric mucosa. Recoflavone has the potential to be used to research peptic ulcer disease.

### REFERENCES

- [1]. Choi SM, et al. Effects of DA-6034, a flavonoid derivative, on mucin-like glycoprotein and ocular surface integrity in a rabbit model. *Arzneimittelforschung*. 2009;59(10):498-503. ;Kwak DS, Lee OY, Lee KN, et al. The Effect of DA-6034 on Intestinal Permeability in an Indomethacin-Induced Small Intestinal Injury Model. *Gut Liver*. 2016;10(3):406-411.
- [2]. Kwak DS, Lee OY, Lee KN, et al. The Effect of DA-6034 on Intestinal Permeability in an Indomethacin-Induced Small Intestinal Injury Model. *Gut Liver*. 2016;10(3):406-411. ;Kim YW, Lee WH, Choi SM, et al. DA6034 promotes gastric epithelial cell migration and wound-healing through the mTOR pathway. *J Gastroenterol Hepatol*. 2012;27(2):397-405.
- [3]. Kim YW, et al. DA6034 promotes gastric epithelial cell migration and wound-healing through the mTOR pathway. *J Gastroenterol Hepatol*. 2012;27(2):397-405.
- [4]. Nam SY, et al. DA-6034, a derivative of flavonoid, prevents and ameliorates dextran sulfate sodium-induced colitis and inhibits colon carcinogenesis. *Exp Biol Med (Maywood)*. 2008;233(2):180-191.

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

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