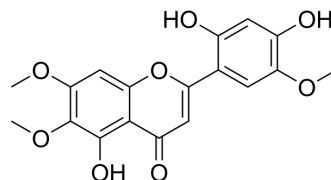


Arcapillin

Cat. No.:	HY-121020
CAS No.:	83162-82-7
Molecular Formula:	C ₁₈ H ₁₆ O ₈
Molecular Weight:	360.31
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Arcapillin is a flavonoid that can be isolated from <i>Artemisia capillaris</i> Thunb. Arcapillin has antispasmodic activity. Arcapillin also has moderate PTP1B inhibitory activity ^{[1][2]} .
IC ₅₀ & Target	PTP1B ^[1]

REFERENCES

- [1]. Lubna F. Abu-Niaaj, et al. Evaluation of Antispasmodic Effect of Arcapillin on Smooth Muscles of Rats. PHARMACOGN J, VOL 11, ISSUE 4, JUL-AUG, 2019.
- [2]. Nurul Islam M, Jet al. Potent α -glucosidase and protein tyrosine phosphatase 1B inhibitors from *Artemisia capillaris*. Arch Pharm Res. 2013 May;36(5):542-52.

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

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