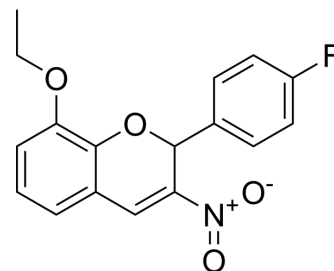


Pichromene

| | |
|--------------------|---|
| Cat. No.: | HY-111209 |
| CAS No.: | 883046-50-2 |
| Molecular Formula: | C ₁₇ H ₁₄ FNO ₄ |
| Molecular Weight: | 315.3 |
| Target: | PI3K |
| Pathway: | PI3K/Akt/mTOR |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Pichromene (S14161) is an anticancer agent and weak PI3K inhibitor. Pichromene can effectively inhibit tumor growth in leukemia mouse models and can be used in cancer research^{[1][2]}.

REFERENCES

[1]. Mao X, et al. A small-molecule inhibitor of D-cyclin transactivation displays preclinical efficacy in myeloma and leukemia via phosphoinositide 3-kinase pathway. *Blood*. 2011 Feb 10;117(6):1986-97.

[2]. Fouqué A, et al. A Novel Covalent mTOR Inhibitor, DHM25, Shows in Vivo Antitumor Activity against Triple-Negative Breast Cancer Cells. *J Med Chem*. 2015 Aug 27;58(16):6559-73.

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

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