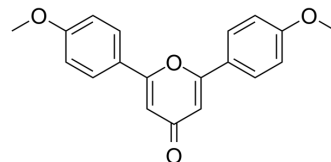


NSC81111

Cat. No.:	HY-144441
CAS No.:	1678-14-4
Molecular Formula:	C ₁₉ H ₁₆ O ₄
Molecular Weight:	308.33
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NSC81111 is a potent and orally active EGFR-TK inhibitor with an IC ₅₀ of 0.15 nM. NSC81111 has anticancer effects ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.15 nM (EGFR-TK) ^[1]

REFERENCES

[1]. Nattanani Jiwachareonchai, et al. Discovery of potent antiproliferative agents from selected oxygen heterocycles as EGFR tyrosine kinase inhibitors from the U.S. National Cancer Institute database by in silico screening and bioactivity evaluation. Bioorg Med Chem Lett. 2022 Feb 15;58:128524.

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

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