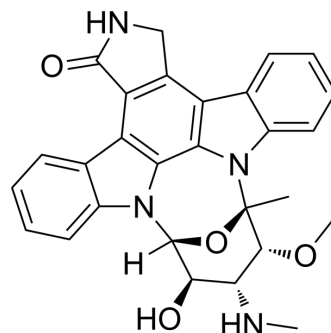


5'-Hydroxy-staurosporine

Cat. No.:	HY-125097
CAS No.:	308847-74-7
Molecular Formula:	C ₂₈ H ₂₆ N ₄ O ₄
Molecular Weight:	482.53
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	5'-Hydroxy-staurosporine is an indolocarbazole alkaloid that can be isolated from marine <i>Micromonospora</i> sp. (strain L-31-CLCO-002). 5'-Hydroxy-staurosporine can be used in tumor related research ^[1] .
In Vitro	5'-Hydroxy-staurosporine inhibits the activity of P388D1, A549, HT-29 and SK-MEL-28 cells with IC ₅₀ values of 0.02 μM, 0.002 μM, 0.004 μM and 0.002 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Hernández LM, et al. 4'-N-methyl-5'-hydroxystaurosporine and 5'-hydroxystaurosporine, new indolocarbazole alkaloids from a marine *Micromonospora* sp. strain. *J Antibiot* (Tokyo). 2000 Sep;53(9):895-902.

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

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