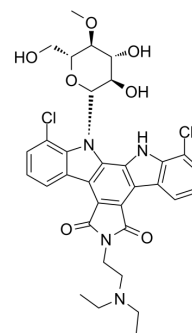


Becatecarin

Cat. No.:	HY-13565
CAS No.:	119673-08-4
Molecular Formula:	C ₃₃ H ₃₄ Cl ₂ N ₄ O ₇
Molecular Weight:	669.55
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Becatecarin is a rebeccamycin analog with antitumor effects. Becatecarin intercalates into DNA and inhibits the catalytic activity of topoisomerases I/II.

REFERENCES

- [1]. Long BH, Rose WC, Vyas DM, Matson JA, Forenza S. Discovery of antitumor indolocarbazoles: rebeccamycin, NSC 655649, and fluoroindolocarbazoles. *Curr Med Chem Anticancer Agents*. 2002;2(2):255-266.
- [2]. Robey RW, Obrzut T, Shukla S, et al. Becatecarin (rebeccamycin analog, NSC 655649) is a transport substrate and induces expression of the ATP-binding cassette transporter, ABCG2, in lung carcinoma cells. *Cancer Chemother Pharmacol*. 2009;64(3):575-583.

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

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