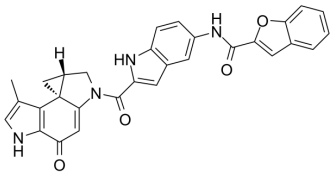
Adolezesin

Cat. No.:	HY-106120
CAS No.:	110314-48-2
Molecular Formula:	$C_{30}H_{22}N_4O_4$
Molecular Weight:	502.52
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	https://pubmed.ncbi.nlm.nih.gov/1624543/
In Vitro	Adolezesin (U73975; 0-50 pg/mL; 90 min) inhibits ATP contents with IC_{50}s of 0.097, 0.14, 0.36, 0.53 and 1.65 pg/mL against SKUT1B, AN3, AE7, HEC1A and BG1, respectively[1]. Adolezesin (0-50 pg/mL; 0-168 h) blocks cell cycle at S and G2 phases in SKUT1B cells[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Cell Cycle Analysis[1]

Cell Line:	SKUT1B
Concentration:	1, 2, 5, 10 and 50 pg/mL
Incubation Time:	0-168 h
Result:	Blocks cell cycle at S and G2 phases at 50 pg/mL in SKUT1B cells.

REFERENCES

[1]. Nguyen HN, et al. Spectrum of cell-cycle kinetics of alkylating agent adolezesin in gynecological cancer cell lines: correlation with drug-induced cytotoxicity. J Cancer Res Clin Oncol. 1992;118(7):515-22.

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