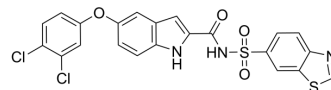


Galectin-3/galectin-8-IN-1

Cat. No.:	HY-155191
Molecular Formula:	C ₂₂ H ₁₃ Cl ₂ N ₃ O ₄ S ₂
Molecular Weight:	518.39
Target:	Galectin
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Galectin-3/galectin-8-IN-1 (Compound 53) is a dual Galectin-3 and galectin-8 C-terminal domain inhibitor, with K _d values of 4.12 μM and 6.04 μM respectively. Galectin-3/galectin-8-IN-1 inhibits the MRC-5 lung fibroblast cells migration. Galectin-3/galectin-8-IN-1 can be used for research of cancer and tissue fibrosis ^[1] .
IC ₅₀ & Target	Kd: 4.12 μM (Galectin-3) and 6.04 μM (Galectin-8C) ^[1]

REFERENCES

[1]. Haoming Zhang, et al. Discovery of N-Arylsulfonyl-Indole-2-Carboxamide Derivatives as Galectin-3 and Galectin-8 C-Terminal Domain Inhibitors. ACS Med. Chem. Lett. 2023, 14, 9, 1257-1265.

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

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