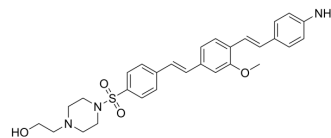


Rizedisben

Cat. No.:	HY-148796
CAS No.:	1311570-07-6
Molecular Formula:	C ₂₉ H ₃₃ N ₃ O ₄ S
Molecular Weight:	519.66
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rizedisben (GE3126) is a fluorophore that can be used in fluorescence image-guided surgery. Rizedisben reduces non-specific adipose tissue fluorescence intensity and enhances nerve visibility ^[1] .
In Vivo	Rizedisben (GE3126) (i.v., 1.6-46.6 mg/kg, a single dose) causes a dose-dependent increase in the fluorescence emission intensity of the mouse sciatic nerve, and when the dose increases above 16.6 mg/kg, the increase in neurofluorescence becomes more Mild, with slower signal saturation in adipose tissue and minimal fluorescence in adjacent muscle tissue with increasing GE3126 concentration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Victoria E Cotero, et al. Improved Intraoperative Visualization of Nerves through a Myelin-Binding Fluorophore and Dual-Mode Laparoscopic Imaging. PLoS One. 2015 Jun 15;10(6):e0130276.

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

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