



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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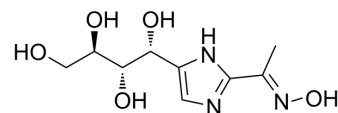
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LX2931

Cat. No.:	HY-14370
CAS No.:	948840-25-3
Molecular Formula:	C ₉ H ₁₅ N ₃ O ₅
Molecular Weight:	245.23
Target:	LPL Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

LX2931 is an inhibitor of Sphingosine 1-Phosphate Lyase (S1PL). LX2931 works by increasing levels of S1P inside and outside the cell. The decrease in S1PL activity leads to a significant increase in S1P content in tissues, especially in lymphoid tissues which may lead to a restricted exodus of lymphocytes from secondary immune tissues, resulting in lymphocytopenic and immunosuppressive effects in the peripheral circulation. LX2931 can be used in research for the treatment of autoimmune diseases, especially rheumatoid arthritis^[1].

REFERENCES

[1]. Bagdanoff J T, et al. Inhibition of sphingosine 1-phosphate lyase for the treatment of rheumatoid arthritis: discovery of (E)-1-(4-((1 R, 2 S, 3 R)-1, 2, 3, 4-tetrahydroxybutyl)-1 H-imidazol-2-yl) ethanone oxime (LX2931) and (1 R, 2 S, 3 R)-1-(2-(isoxazol-3-yl)-1 H-imidazol-4-yl) butane-1, 2, 3, 4-tetraol (LX2932)[J]. Journal of medicinal chemistry, 2010, 53(24): 8650-8662.

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

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