



biochemicals

Manufactured by VDM Biochemicals.LLC

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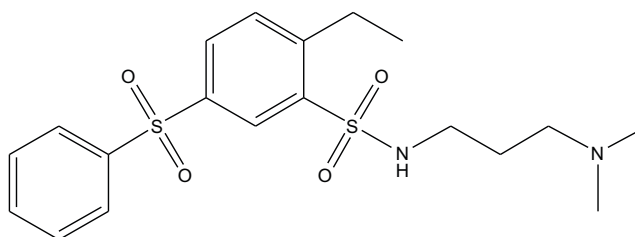
Product Data Sheet

Product name: **sFRP-1 Inhibitor**

Cat. number: **VD-OEIA-10004** CAS Number: **915754-88-0** Lot number: **VD1115874** www.vdm.bio

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₁₉ H ₂₆ N ₂ O ₄ S ₂
MW:	410.6
Purity:	>=95% by HPLC
Appearance:	Clear oil
Solubility:	DMSO
Storage:	+2°C to +8°C. Protect from light.
Synonyms:	Secreted Frizzled Related Protein-1 Inhibitor

Product Description:

A diphenylsulfone-sulfonamide compound that counteracts the antagonizing effect of SARP-2/sFRP-1 (secreted frizzled related protein-1) against Wnt-3/frizzled interaction and Wnt-3/frizzled-stimulated cellular functions (EC₅₀ = 1.27 μM in a U2OS-based reporter assay) with a reported aqueous solubility of 26 μg/ml at pH 7.4 and in vitro half-lives of 12 and 26.7 min using rat and human microsomes, respectively.

Product References

1. Gopalsamy, A., et al. 2008. J. Med. Chem. 51, 7670.

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