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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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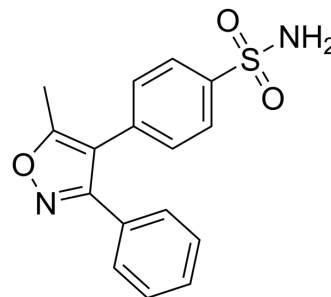
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Valdecoxib (Standard)

Cat. No.:	HY-15762R
CAS No.:	181695-72-7
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₃ S
Molecular Weight:	314.36
Target:	Endogenous Metabolite; COX
Pathway:	Metabolic Enzyme/Protease; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Valdecoxib (Standard) is the analytical standard of Valdecoxib. This product is intended for research and analytical applications. Valdecoxib is a highly potent and selective inhibitor of COX-2, with IC ₅₀ s of 5 nM and 140 μM for COX-2 and COX-1, respectively. Valdecoxib can be used in the research of arthritis and pain.
IC ₅₀ & Target	IC ₅₀ : 5 nM (COX-2), 140 μM (COX-1) ^[1]

REFERENCES

- [1]. Talley JJ, et al. 4-[5-Methyl-3-phenylisoxazol-4-yl]- benzenesulfonamide, valdecoxib: a potent and selective inhibitor of COX-2. J Med Chem. 2000 Mar 9;43(5):775-7.
- [2]. Wiktorowska-Owczarek A. The effect of valdecoxib on the production of growth factors evoked by hypoxia and bacterial lipopolysaccharide in HMEC-1 cells. Adv Clin Exp Med. 2013 Nov-Dec;22(6):795-800.
- [3]. Kumar A, et al. Protective effects of selective and non-selective cyclooxygenase inhibitors in an animal model of chronic stress. Neurosci Bull. 2010 Feb;26(1):17-27.

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

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