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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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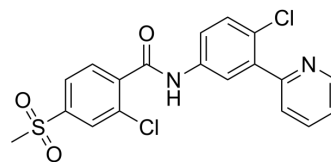
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Vismodegib (Standard)

Cat. No.:	HY-10440R
CAS No.:	879085-55-9
Molecular Formula:	C ₁₉ H ₁₄ Cl ₂ N ₂ O ₃ S
Molecular Weight:	421.3
Target:	Autophagy; Hedgehog
Pathway:	Autophagy; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Vismodegib (Standard) is the analytical standard of Vismodegib. This product is intended for research and analytical applications. Vismodegib (GDC-0449) is an orally active hedgehog pathway inhibitor with an IC ₅₀ of 3 nM. Vismodegib also inhibits P-gp, ABCG2 with IC ₅₀ values of 3.0 μM and 1.4 μM, respectively ^{[1][2]} .
IC₅₀ & Target	IC ₅₀ : 3 nM (hedgehog), 3.0 μM (P-gp), 1.4 μM (ABCG2) ^{[1][2]}

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- [3]. Tian F, et al. The hedgehog pathway inhibitor GDC-0449 alters intracellular Ca²⁺ homeostasis and inhibits cell growth in NSC 119875-resistant lung cancer cells. *Anticancer Res.* 2012, 32(1), 89-94.
- [4]. Wong H, et al. Pharmacokinetic-pharmacodynamic analysis of vismodegib in preclinical models of mutational and ligand-dependent Hedgehog pathway activation. *Clin Cancer Res.* 2011, 17(14), 4682-4692.
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Caution: Product has not been fully validated for medical applications. For research use only.

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