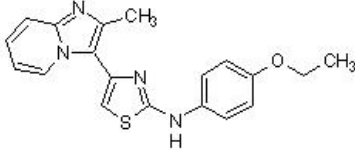


Product datasheet

JK 184, Hedgehog signaling inhibitor ab120819

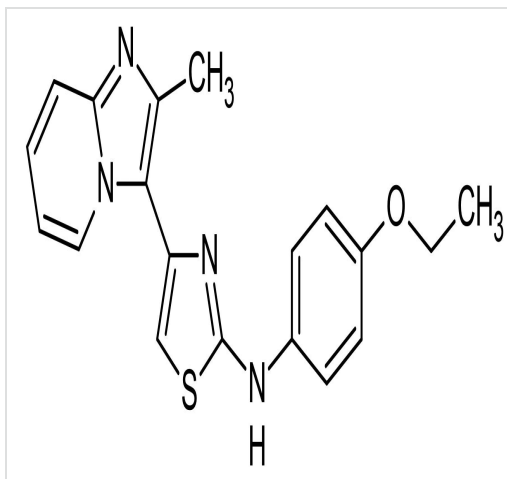
1 Image

Overview

| | |
|-------------------------------|---|
| Product name | JK 184, Hedgehog signaling inhibitor |
| Description | Potent Hedgehog signaling inhibitor |
| Biological description | Potent Hedgehog (Hh) signaling inhibitor. Inhibits alcohol dehydrogenase 7 (Adh7) (IC ₅₀ = 210 nM) and prevents Gli-dependent transcriptional activity (IC ₅₀ = 30 nM). Potently inhibits microtubule assembly. Additionally displays antitumor activity. |
| Purity | > 99% |
| CAS Number | 315703-52-7 |
| Chemical structure |  |

Properties

| | |
|-----------------------------|---|
| Chemical name | <i>N</i> -(4-Ethoxyphenyl)-4-(2-methylimidazo[1,2- <i>a</i>]pyridin-3-yl)-2-thiazolamine |
| Molecular weight | 350.44 |
| Molecular formula | C ₁₉ H ₁₈ N ₄ OS |
| Storage instructions | Store at +4°C. The product can be stored for up to 12 months. |
| Solubility overview | Soluble in DMSO to 100 mM and in ethanol to 25 mM |
| Handling | <p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |
| Source | Synthetic |



2D chemical structure image of ab120819, JK 184, Hedgehog signaling inhibitor

Chemical Structure - JK 184, Hedgehog signaling inhibitor (ab120819)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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