# SMI-4a

## Pim1 inhibitor

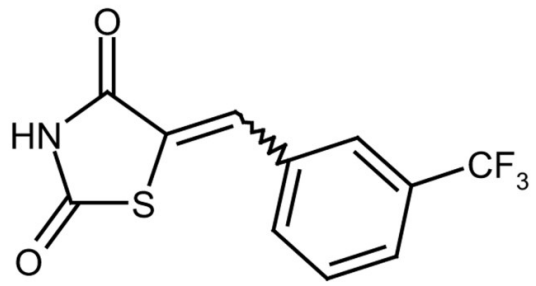
Selective inhibitor of Pim-1 and Pim-2 protein kinases. Inducer of G1 phase cell cycle arrest. Inducer of p27Kip1. Inducer of apoptosis through the mitocondrial pathway. Inhibitor of the mammalian target of rapamycin C1 (mTORC1) pathway. Downregulates c-myc. Inhibitor of PRAS40 phosphorylation and mTOR activity. Potential anti-cancer compound. Blocks prostate cancer growth.

**Citations:** 5 View Online »

## Ordering Information Order Online »

| | |
|---|---|
| **ALX-270-515-M005** | 5mg |

## Manuals, SDS & CofA View Online »

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|---|---|
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## Handling & Storage

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|---|---|
| **Use/Stability** | As indicated on product label or CoA when stored as recommended. Stable for at least 6 months after receipt when stored at -20°C. |
| **Handling** | Protect from light. |
| **Long Term Storage** | -20°C |
| **Shipping** | Ambient Temperature |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Appearance** | White to off-white solid. |
| **CAS** | 327033-36-3 |
| **Couple Target** | Pim |
| **Couple Type** | Inhibitor |
| **Formula** | $C_{11}H_6F_3NO_2S$ |
| **MW** | 273.2 |
| **Purity** | ≥95% (HPLC, TLC, NMR/ELSD) |
| **Solubility** | Soluble in DMSO (at least 5mg/ml). |

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