

## Smo Antagonist, SA1

Cat. No. CEI-0659

Lot. No. (See product label)

### Introduction

**Description** A Smoothened (Smo) antagonist. SA1 inhibits Hh pathway by interacting directly with Smo. Inhibits SAG (Smoothened agonist) activation of Hh signaling in Shh-LIGHT 2 cells (IC<sub>50</sub> = 3.1 μM). Also inhibits the localization of Smo to cilia. Treatment of Ptch1<sup>-/-</sup> MEFs with SA1 suppresses the β-galactosidase activity (IC<sub>50</sub> = 3.8 μM) and inhibits the expression of Gli1 and Ptch1 in ASZ1 cells.

### Product Information

**Appearance** Liquid

**Molecular Formula** C<sub>26</sub> H<sub>29</sub> FN<sub>4</sub> O<sub>2</sub>

**Chemical Name** 3-(3-(4-Fluorophenyl)-2,5,7-trimethylpyrazolo[1,5a]pyrimidin-6-yl)-N-(4-(furan-2-yl)butan-2-yl)propanamide

**Molecular Weight** 873.99

**Purity** >95% by HPLC

**Targets** SMO

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack