

## Nexturastat A

Cat. No. CEI-0516

Lot. No. (See product label)

### Introduction

#### Description

Nexturastat A is an aryl urea derivative that acts as a potent and highly selective inhibitor of histone deacetylase 6 (HDAC6) ( $IC_{50} = 5.02 \pm 0.60$  nM). Displays 600-, 1380-, 1330-, 1870-, -2330, -888, -190, -1340, -1510, and -1020-fold selectivities over HDAC1, HDAC2, HDAC3, HDAC4, HDAC5, HDAC7, HDAC8, HDAC9, HDAC10, and HDAC11, respectively. Nexturastat A also displays antiproliferative effects against melanoma cells.

### Product Information

<b>Appearance</b>	Liquid
<b>CAS No.</b>	1403783-31-2
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>23</sub> N <sub>3</sub> O <sub>3</sub>
<b>Chemical Name</b>	4-((1-butyl-3-phenylureido)methyl)-N-hydroxybenzamide
<b>Molecular Weight</b>	672.81
<b>Purity</b>	>95% by HPLC
<b>Targets</b>	HDAC6

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack