

## AZD1080

Cat. No. CEI-1228

Lot. No. (See product label)

### Introduction

#### Description

AZD1080 is a selective, orally active, brain permeable inhibitor of GSK3 with Ki values of 6.9 nM and 31 nM for human GSK3 $\alpha$  and GSK3 $\beta$ , respectively.

### Product Information

<b>CAS No.</b>	612487-72-6
<b>Molecular Formula</b>	C <sub>19</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub>
<b>Chemical Name</b>	3-[5-(morpholin-4-ylmethyl)-1H-pyridin-2-ylidene]-2-oxo-1H-indole-5-carbonitrile
<b>Molecular Weight</b>	334.37
<b>Purity</b>	99.91%
<b>Targets</b>	GSK-3 $\alpha$ ; GSK-3 $\beta$
<b>IC<sub>50</sub></b>	6.9 nM (Ki); 31 nM (Ki)
<b>Solubility</b>	Soluble in DMSO > 10 mM

### Storage and Shipping Information

<b>Storage</b>	Store at -20°C
<b>Shipping Conditions</b>	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request