

## BS194

Cat. No. CEI-1139

Lot. No. (See product label)

### Introduction

**Description** BS-194 is a selective and potent CDK inhibitor, which inhibits CDK2, CDK1, CDK5, CDK7, and CDK9 with IC50 of 3, 30, 30, 250, and 90 nmol/L, respectively.

**Synonyms** p33(CDK2)

### Product Information

**CAS No.** 1092443-55-4

**Molecular Formula** C<sub>20</sub>H<sub>27</sub>N<sub>5</sub>O<sub>3</sub>

**Chemical Name** (2S,3S)-3-(7-(benzylamino)-3-isopropylpyrazolo[1,5-a]pyrimidin-5-ylamino)butane-1,2,4-triol

**Molecular Weight** 385.46

**Purity** > 95%

**Targets** CDK2, CDK1, CDK5, CDK7, CDK9

**IC50** 3nmol/L, 30nmol/L, 30nmol/L, 250nmol/L, 90 nmol/L

**Solubility** DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

### Storage and Shipping Information

**Storage** 4 centigrade

**Stability** 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO