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**Product Data Sheet**

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Product Name: (S)-Purvalanol B

Cat. No.: GC35005

**Chemical Properties**

Cas. No.

SMILES O=C(O)C1=CC=C(NC2=C3N=CN(C(C)C)C3=NC(N[C@H](CO)C(C)C)=N2)C=C1ClFormula  $C_{20}H_{25}ClN_6O_3$  M.Wt 432.9

Solubility DMSO: 76.7 mg/mL (177.18 mM and warming) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(S)-Purvalanol B is the S enantiomer of Purvalanol B. Purvalanol B is a cyclin-dependent kinase inhibitor.

[1]. Bullard KM, Effects of cyclin-dependent kinase inhibitor Purvalanol B application on protein expression and developmental progression in intra-erythrocytic Plasmodium falciparum parasites. Malar J. 2015 Apr 8;14:147.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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