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DATASHEET

Alsterpaullone

Product overview

 Name
 Alsterpaullone

 Cat No
 HB3754

 Purity
 >98%

Description Potent CDK1 inhibitor. Also shows activity at GSK-3β

Biological Data

Biological description Potent CDK1/cyclin B (IC₅₀ = 35 nM) inhibitor. Anti-tumor compound. GSK-3beta (glycogen synthase

kinase-3beta) inhibitor. Apoptosis inhibitor. Apoptosis inducer. Angiogenesis inhibitor.

Solubility & Handling

Solubility overview Soluble in DMSO

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name Molecular Weight Chemical structure

Appearance

 $9\hbox{-Nitro-}7,12\hbox{-dihydroindolo-}[3,2\hbox{-d}][1] benzaze pin-6(5H)\hbox{-one}$

293.3

OLUKILHGKRVDCT-UHFFFAOYSA-N

Yellow to brown powder