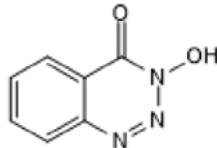


Certificate of Analysiswww.tocris.com**Product Name:** HODHBt**Catalog No.:** 6994**Batch No.:** 1

CAS Number: 28230-32-2

EC Number: 248-916-1

IUPAC Name: 3-Hydroxy-1,2,3-benzotriazin-4(3H)-one

1. PHYSICAL AND CHEMICAL PROPERTIES**Batch Molecular Formula:** C₇H₅N₃O₂**Batch Molecular Weight:** 163.14**Physical Appearance:** White solid**Solubility:** DMSO to 100 mM
ethanol to 50 mM**Storage:** Store at -20°C**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows 99.6% purity**¹H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:** Carbon Hydrogen Nitrogen

Theoretical 51.54 3.09 25.76

Found 51.57 3.02 25.66

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of Worldwww.tocris.com/distributors

Tel: +1 612 379 2956

Product Information

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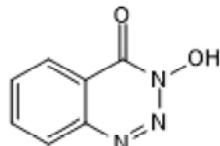
Description:

STAT5-SUMO protein-protein interaction inhibitor. Blocks SUMOylation of phosphorylated STAT5. Reactivates latent HIV-1 reservoir in central memory T cells (T_{CM}). Increases viral release by ~2.7-fold at a concentration of 100 μ M in combination with IL-2 compared to unstimulated cells; reduces size of latent HIV-1 reservoir in vitro.

Physical and Chemical Properties:Batch Molecular Formula: C₇H₅N₃O₂

Batch Molecular Weight: 163.14

Physical Appearance: White solid

Minimum Purity: >98%**Batch Molecular Structure:****References:**

Bosque et al (2017) Benzotriazoles reactivate latent HIV-1 through inactivation of STAT5 SUMOylation. *Cell Rep.* **18** 1324. PMID: 28147284.

Storage: Store at -20°C**Solubility & Usage Info:**DMSO to 100 mM
ethanol to 50 mM**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of Worldwww.tocris.com/distributors

Tel: +1 612 379 2956