Lot # XXXXX

BostonBiochem

MATERIAL DATA SHEET

HLI 373
Cat. # I-400

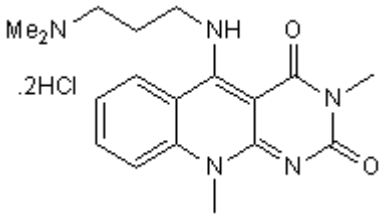
Inhibitor of Hdm2 ubiquitin ligase (E3). Blocks Hdm2-mediated ubiquitylation and proteasomal degradation of p53; activates p53-dependent transcription. Induces apoptosis in several tumor cell lines that express wild-type p53 such as LOX-IMVI, A549, HT1080 and U2OS.

Product Information

Quantity: X mg

Formula: $C_{18}H_{23}N_5O_2HCl$ **FW:** 377.87

Structure:



Physical/Chemical Characteristics

Solubility: Soluble to 100 mM in water and to 10 mM in DMSO

Purity: > 99%

Use & Storage

Use: Add from DMSO stock directly to in vitro or in vivo assays at desired concentration. Pre-incubation with compound prior to assay is recommended for maximal effect.

Storage: Store stock solution at -20°C. Avoid multiple freeze/thaw cycles.

Literature

References:

Kitagaki, *et al* (2008) Mol.Cancer Ther. 7: 2445
Yang, *et al* (2009) Cancer Sci. 100: 24

For Laboratory Research Use Only, Not For Use in Humans

840 Memorial Drive, Cambridge, MA 02139 Phone: 617-241-7072 FAX: 617-492-3565
www.bostonbiochem.com