

HR488B

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>26</sub>ClN<sub>3</sub>O<sub>4</sub>S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	HR488B is a potent inhibitor of HDAC1. It specifically hinders the growth of CRC cells by inducing cell cycle arrest at the G <sub>0</sub> /G <sub>1</sub> phase and promoting apoptosis. Furthermore, HR488B leads to mitochondrial dysfunction, the production of reactive oxygen species (ROS), and the accumulation of DNA damage.
Targets(IC <sub>50</sub> )	Apoptosis, Reactive Oxygen Species, HDAC

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481