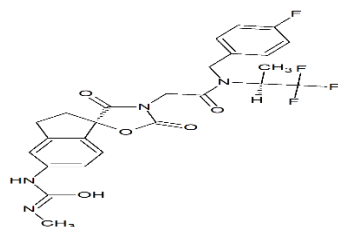


# A-485

**ALTERNATE NAME:** (1R)-N-[(4-Fluorophenyl)methyl]-2,3-dihydro-5-[[[(methylamino)carbonyl]amino]-2',4'-dioxo-N-[(1S)-2,2,2-trifluoro-1-methylethyl]spiro[1H-indene-1,5'-oxazolidine]-3'-acetamide  
A485

**CATALOG #:** B2601-1 1 mg  
B2601-5 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>24</sub>F<sub>4</sub>N<sub>4</sub>O<sub>5</sub>

**MOLECULAR WEIGHT:** 536.48

**CAS NUMBER:** 1889279-16-6

**APPEARANCE:** White solid

**PURITY:** ≥98% by HPLC

**SOLUBILITY:** >40 mg/ml DMSO  
>40 mg/ml Ethanol

**DESCRIPTION:** A-485 is a potent and selective p300/CREB-binding protein (CBP) HAT domain inhibitor (IC<sub>50</sub> values are 2.6 and 9.8 nM for the CBP-bromodomain HAT-C/H3 (BHC) and p300-BHC domains, respectively). A-485 displays > 1000-fold selectivity over closely related HATs. It decreases acetylated histone H3 lysine 27 (H3K27Ac), but not H3K9Ac, levels in PC3 cells in a concentration-dependent manner. A-485 reduces proliferation of non-small cell lung cancer (NSCLC), small cell lung cancer, triple-negative breast cancer, mantle cell lymphoma, multiple myeloma, non-Hodgkin's, and acute myeloid leukemia cell lines.

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Anacardic Acid (1849)  
CPTH2 (hydrochloride) (B2815)  
C646, p300/CBP Inhibitor (1948)  
CAY10669 (B2806)  
Garcinol (2088)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*