

RNA Processing II

CEP

Clickable electrophilic purine which may be used to directly quantify protein-RNA interaction on proteins via photoaffinity competition with 4-thiouridine-labeled RNA in cells.¹

Product No: 10-5323 5 mg 25 mg

CIB-3b

Inhibits microRNA (miRNA) biogenesis *via* binding ($K_D = 10.42$ nM) to transactivation response (TAR) RNA-binding protein 2 (TRBP).²

Product No: 10-3923 5 mg 25 mg

CX-5461

First-in-class selective RNA polymerase I inhibitor, suppressing Pol I transcription with 200-fold selectivity over Pol II.^{3,4}

Product No: 10-2998 5 mg 25 mg

eFT508

Potent and highly selective inhibitor of the mitogen-activated protein kinase interacting kinases 1 and 2 (MNK1/2), key regulators of mRNA translation protein eukaryotic initiation factor eIF4E..⁵

Product No: 10-4081 5 mg 25 mg

FB23-2

Inhibitor of the mRNA m⁶A demethylase fat-mass- and obesity-associated protein (FTO).⁶ Selective against RNA demethylase ALKB5.

Product No: 10-4852 5 mg 25 mg

Halofuginone

Potent and selective prolyl-tRNA synthetase (PRS) inhibitor ($K_i=18.3$ nM) derived from febrifugine.⁷

Product No: 10-2381 10 mg 50 mg

IMT1

Specific inhibitor of mitochondrial DNA (mtDNA) transcription. It targets an allosteric binding site on human mitochondrial RNA polymerase leading to impairment of biogenesis of the oxidative phosphorylation (OXPHOS) system.⁸

Product No: 10-3918 5 mg 25 mg

IMT1B

specific inhibitor of mitochondrial DNA (mtDNA) transcription. It targets an allosteric binding site on human mitochondrial RNA polymerase leading to impairment of biogenesis of the oxidative phosphorylation (OXPHOS) system.^{9,10}

Product No: 10-3919 5 mg 25 mg

RECTAS

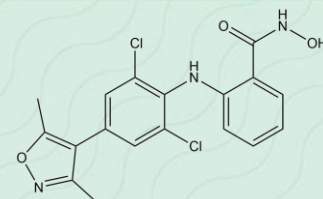
pre-mRNA splice modulator (Rectifier of Aberrant Splicing). RECTAS (2 mM) increased the expression of IKAP and restored tRNA modifications.^{11,12}

Product No: 10-5273 5 mg 25 mg

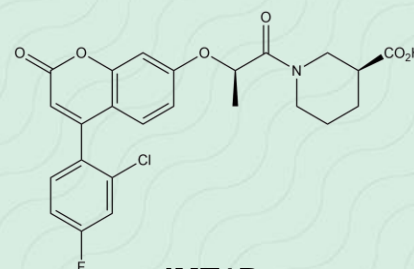
UZH2

Potent and selective (against METTL1 and METTL16) inhibitor of the RNA methyltransferase METTL3, a key component of the writer complex targeting N⁶-methyladenosine (m⁶A).¹³

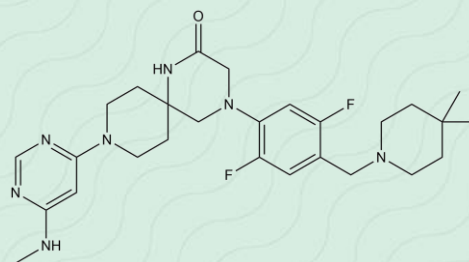
Product No: 10-4849 5 mg 25 mg



FB23-2



IMT1B



UZH2

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