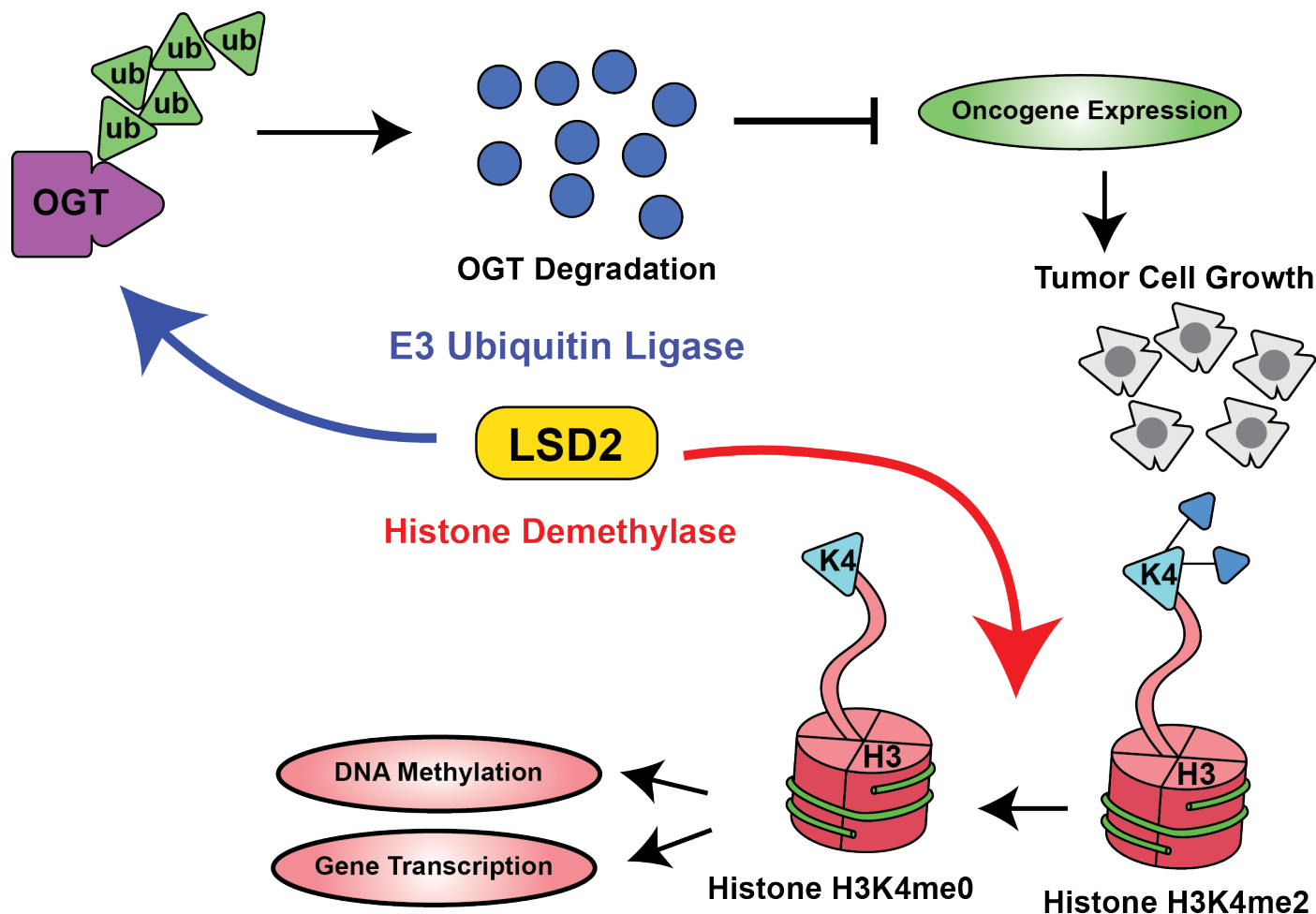


Histone Demethylase Inhibitors



Histones constitute the basic scaffold proteins around which DNA is wound to form nucleosomes which are packed into higher order structures to form chromatin. Methylated lysine and arginine residues on histone tails are believed to be regulatory hallmarks for discriminating transcriptionally active and inactive chromatin. Histone demethylases (HDMs) are particularly responsible for removal of methyl groups predominantly from Arginine and Lysine residues in Histone proteins. There are two main types of HDMs based on their functional mechanism: a flavin adenine dinucleotide (FAD)-dependent amine oxidase, and a Fe (II) and α -ketoglutarate-dependent dioxygenase. HDMs have critical roles in creating suitable methylation patterns for tumor cells to gain metastatic potential. Thus the tremendous therapeutic potential of modulating genetically aberrant or overexpressed HDMs across a wide range of human diseases is increasingly becoming evident. In fact, robust high-throughput screening and hit-finding approaches have enabled the development of highly specific and potent inhibitors. BioVision offers several HDM inhibitors as part of its catalog. These encompass all areas of biological and oncological research.

Product Name	Cat. No.	Size	CAS. No.
AS8351	B1082	5 mg, 25 mg	796-42-9
Caffeic acid	2303	50 mg, 250 mg	331-39-5
Clorgyline hydrochloride	2622	10 mg, 50 mg	17780-75-5
CPI-455	B1881	5 mg, 25 mg	1628208-23-0

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Product Name	Cat. No.	Size	CAS. No.
Daminozide	2438	100 mg, 500 mg	1596-84-5
DDP-38003 dihydrochloride	B1958	5 mg, 25 mg	1831167-98-6
Disulfiram	2308	50 mg, 250 mg	97-77-8
Ebselen	2169	5 mg, 25 mg	60940-34-3
GSK-2879552	B1044	5 mg, 25 mg	1401966-69-5
GSK-J1 (Free acid)	2761	1 mg, 5 mg	1373422-53-7
GSK-J1 sodium salt	2260	1 mg, 5 mg	N/A
GSK-J4 (Free base)	2762	1 mg, 5 mg	1373423-53-0
GSK-J4 hydrochloride	2259	1 mg, 5 mg	N/A
GSK-LSD1 dihydrochloride	B1258	5 mg, 25 mg	1431368-48-7
HDM Inhibitor, 2,4-PDCA	2304	100 mg, 500 mg	207671-42-9
IOX1	2266	5 mg, 25 mg	5852-78-8
IOX2	9451	5 mg, 25 mg	931398-72-0
Jumonji HDM Inhibitor, JIB-04	2474	5 mg, 25 mg	199596-05-9
Jumonji HDM Inhibitor, PBIT	2475	5 mg, 25 mg	2514-30-9
β -Lapachone	2262	5 mg, 25 mg	4707-32-8
ML-324	2763	1 mg, 5 mg	1222800-79-4
NCGC00244536	B1956	5 mg, 25 mg	2003260-55-5
N-Oxalylglycine	B1084	10 mg, 50 mg	5262-39-5
OG-L002	9406	5 mg, 25 mg	1357302-64-7
ORY-1001	B1957	1 mg, 5 mg	1431326-61-2
Pargyline hydrochloride	2618	500 mg, 1 g	306-07-0
RN 1 dihydrochloride	B2080	5 mg, 25 mg	1781835-13-9
SP-2509	9446	5 mg, 25 mg	1423715-09-6
Tranylcypromine Hemisulfate	1816	25 mg, 100 mg	13492-01-8
UNC-926, free base	B2158	5 mg, 25 mg	1184136-10-4

Please visit www.BioVision.com for detailed information on these products.