

Histone Deacetylase Inhibitors – New Target-Focused Libraries from OTAVA

Screening compounds for epigenetic drug discovery

As a Director of Otava Ltd., I would like to offer you two new receptor-based **target-focused libraries of HDAC inhibitors** which are specifically targeted towards **class I and class II HDAC isoforms** in such a way to minimize cross-reactivity between these two classes.

- HDAC Class I Inhibitors - 701 compound
- HDAC Class 2 Inhibitors - 246 compounds

The selective targeting has been achieved by inspection of HDAC active site's critical structural determinants for ligand recognition (including essential interaction with Zn⁺), docking validation of reference set of about 1,000 known HDAC inhibitors with the IC₅₀ at least 1.1 uM and exclusion of predicted cross-binders from the final set of compounds. Each compound in the library **contains a metal-binding moiety** that coordinates to the catalytic metal atom (Zn⁺) within the HDAC active site and a capping group that interacts with the residues at the entrance of the active site.

The library comprises **drug-like compounds only**.

[Find out more...](#)

Our price is **ONLY \$9.5** per 1mg (if 500+ compounds are ordered)

Example price list in USD:

Qty/ number	1- 10	11- 20	21- 50	51- 100	101- 500	501- 1000
1 mg	\$38.3	\$32.7	\$21.5	\$19.4	\$12.2	\$9.5



We offer **15% Academic Discount** for this focused library until Dec 31, 2013

All the compounds are in stock, cherry-picking is available.

The library (DB, SD, XLS, PDF format) as well as the price-list is available [on request](#)

Feel free to contact me if you are interested to obtain this library or if you need more information. I am looking forward to your reply.

Best regards,
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Director of Business Development and Marketing

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