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## New Liver X Receptor $\beta$ target-focused library from Otava

### Screening compounds for metabolic disease drug discovery

As a Director of Otava Ltd. I would like to offer you our new Liver X receptor  $\beta$  (LXR $\beta$ ) target-focused library which comprises **553 compounds**.

To design this library we performed molecular docking of our Drug-Like Collection of compounds in crystal structure of human LXR $\beta$  (PDB ID: 1UPV). The most important polar interaction of a ligand and LXR $\beta$  is a hydrogen bond with His435. This bond is observed in many LXR receptor-ligand complexes, including those with steroid compounds. The presence of this hydrogen bond has been used as a criteria to filter docking results in order to identify the most consistent binding modes. Finally, the complexes retained after filtering were subjected to visual analysis to exclude ligands with inappropriate binding.

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

[Find out more...](#)

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Our price is **ONLY \$7.7** per 1mg (if more than 1,000 compounds are ordered)

#### Example price list in USD:

Num. of compounds ordered	1-20	21-50	51-100	101-500	501-1000
Price for 1mg	\$32.0	\$25.0	\$19.0	\$13.9	\$9.8

All compounds are in stock.

The library is for prompt delivery, cherry-picking is available.

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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,  
**Andriy Dmytrenko, MBA**  
Director of Business Development and Marketing

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