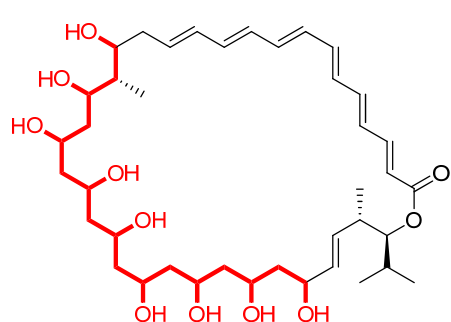
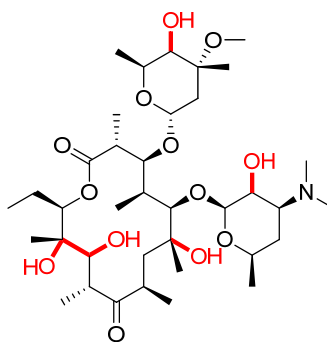


UORSY Polyhydroxy Compounds

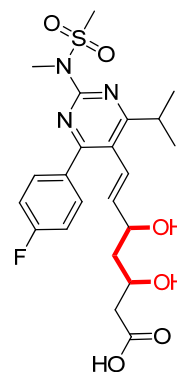
Hydrogen bonding, one of the major types of protein-ligand interactions, commonly occurs between polar residues especially those with hydroxyl moieties. Consequently, polyhydroxylated fragments are frequently found in natural and natural-like compounds such as oxopolylene macrolide antibiotics, polyketide-derived natural products, and statins with 1,2- or 1,3-diol subunits.



Dermostatin A

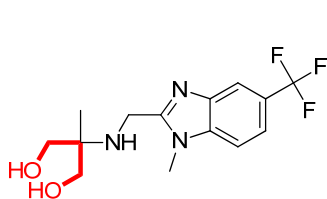


Erythromycin

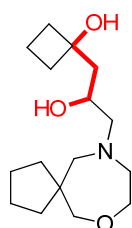


Rosuvastatin

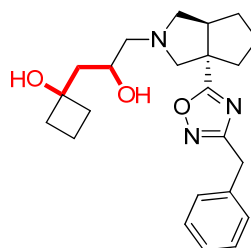
Considering the above-mentioned observations, we have created a conceptually new set of **polyhydroxy compounds**. The set comprises compounds bearing at least two hydroxyl groups, which are directly attached to sp^3 hybridized carbon atoms.



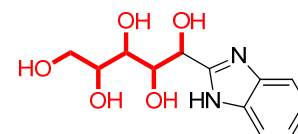
PB1643047516



PB2704231378



PB2704379315



PB56840328

We split the resulting library into 2 subsets, available upon request:

- one-week delivery (139 compounds)
- three-weeks delivery (16,911 compounds)

For more information, please contact us at screenlibs@uorsy.com