Proprietary molecules portfolio


## API GMP

Pinaverium bromide
Trithioanetole
Myrtecaine
Myrtecaine lauryl sulfate
In development

Metopimazine
Selachylique alcohol
Guaiacol

## Diphenhydramine methyl sulfate

Veratrole

Acting on the digestive tract, Pinaverium Bromide is used for the treatment of pain, transit disorders and discomfort linked to functional bowel disorders.


A stimulant of bile function, Trithioanethol is used for the treatment of drug-related or age-linked oligoptyalism (scanty saliva) and dry eye syndrome.

No CAS : 53251-94-8
Formula: $\mathrm{C}_{26} \mathrm{H}_{41} \mathrm{Br}_{2} \mathrm{NO}_{4}$
Molecular weight : $591,45 \mathrm{~g} / \mathrm{mol}$

No CAS : 532-11-6
Formula: $\mathrm{C}_{10} \mathrm{H}_{8} \mathrm{OS}_{3}$
Molecular weight : $\mathbf{2 4 0}, \mathbf{3 6 5} \mathrm{g} / \mathrm{mol}$

No CAS : 14008-44-7
Formula : $\mathrm{C}_{22} \mathrm{H}_{27} \mathrm{~N}_{3} \mathrm{O}_{3} \mathrm{~S}_{2}$ Molecular weight : $445,6 \mathrm{~g} / \mathrm{mol}$


A local anaesthetic, Myrtecaine is often used in combination with other active ingredients in the management of muscle or ligament pain.
No CAS : $7712-50-7$
Formula : $\mathrm{C}_{17} \mathrm{H}_{31} \mathrm{NO}$
Molecular weight: $265,438 \mathrm{~g} / \mathrm{mol}$


A local antihistamine, Diphenhydramine Methyl Sulfate is used to relieve itching due to insect stings.


A local anaesthetic, Myrtecaine is often used in its lauryl sulfate form in combination with other active ingredients in the management of gastric pain and burning.

No CAS : 76157-55-6
Formula : $\mathrm{C}_{17} \mathrm{H}_{31} \mathrm{NO}^{-\mathrm{C}_{12} \mathrm{H}_{26} \mathrm{O}_{4} \mathrm{~S}}$
Molecular weight : $531,84 \mathrm{~g} / \mathrm{mol}$

Veratrole

Veratrole is a mild analgesic used in combination with other active ingredients in some lotions and mouth rinses.

## No CAS : 4858-60-0

Formula : $\mathrm{C}_{18} \mathrm{H}_{24} \mathrm{NO}_{2} \mathrm{CH}_{3} \mathrm{O}_{4} \mathrm{~S}$
Masse moléculaire : $381,49 \mathrm{~g} / \mathrm{mol}$

No CAS: 91-16-7
Formula: $\mathrm{C}_{8} \mathrm{H}_{10} \mathrm{O}_{2}$
Masse moléculaire : $138,16 \mathrm{~g} / \mathrm{mol}$


Selachylic alcohol is widely used in traditional Scandinavian and Japanese medicine and is known to be the therapeutically active compound in shark liver oil.

No CAS : 593-31-7
Formula: $\mathrm{C}_{21} \mathrm{H}_{42} \mathrm{O}_{3}$
Molecular weight: $342,56 \mathrm{~g} / \mathrm{mol}$


Guaiacol

Guaiacol has analgesic, antipyretic and expectorant properties, and is used in combination with other active ingredients for treating dry coughs and inflammatory disorders of the upper airways.

No CAS : 90-05-1
Formula : $\mathrm{C}_{7} \mathrm{H}_{8} \mathrm{O}_{2}$
Masse moléculaire : $124,14 \mathrm{~g} / \mathrm{mol}$

## Building blocks and intermediates



Molecular weight : $135,00 \mathrm{~g} / \mathrm{mol}$


Cyclobutane carbonylchloride


Cyclobutane carboxaldehyde


