

Product List

Pharmaceuticals & Intermediates

Cholic Acid	●	Pharmaceutical intermediate: raw material for the production of chenodeoxycholic acid and ursodeoxycholic acid
	●	Production of artificial Calculus bovis (bezoar/niu-huang)
Dehydrocholic Acid	●	Digestive aid, hydrocholeretic and diuretic
Sodium Dehydrocholate	●	Digestive aid, hydrocholeretic and diuretic
Deoxycholic Acid	●	Pharmaceutical intermediate: Choloretic and detergent properties
Glycocholic Acid, Sodium Salt	●	Pharmaceutical intermediate: drug and vaccine delivery
Methyl Cholate	●	Intermediate for the synthesis of a range of bile acid derivatives
Sodium Cholate	●	Anti-viral / anti bacterial
Sodium Deoxycholate	●	Pharmaceutical intermediate: drug and vaccine delivery
Taurocholic Acid, Sodium Salt	●	Pharmaceutical intermediate: drug and vaccine delivery
Taurodeoxycholic Acid, Sodium Salt	●	Pharmaceutical intermediate: drug and vaccine delivery
Heparin Sodium BP	●	Blood anticoagulant
Sialic Acid	●	NZP's sialic acid is used in the production of several neuraminidase inhibitors, glycolipids and other synthetically derived bio-active products.

Microbiological & Fermentation Media

Selective inhibitory agents in bacteriological culture media

Sodium Cholate	●	Sodium salt of cholic acid
Sodium Deoxycholate	●	Sodium salt of deoxycholic acid
Bile Salts No 2	●	3:1 mixture of Sodium Cholate : Sodium Deoxycholate
Bile Salts No 3	●	1:1 mixture of Sodium Cholate : Sodium Deoxycholate
Special Bile	●	Refined bile product containing natural conjugated bile acids

Nutrients in microbiological and fermentation culture media

Casein Peptone	●	Pancreatic digestion of New Zealand casein
Gelatin Peptone	●	Hydrolysed gelatin of New Zealand bovine origin
Meat Peptone	●	Ovine- or equine-derived

Dietary Supplements

- Actinidin ● Enzyme extracted from kiwifruit for use as a digestive aid
- Blackcurrant Extract ● Powders (and juice concentrates) with high anthocyanin content for use in a range of nutraceutical products
Under the **Just The Berries brand www.justtheberries.co.nz*
- Bovine Cartilage Extract Powder ● Used in arthritis remedies
- L- Carnitine ● Infant milk powder formulations, energy drink and body-building supplement ingredients
- Collagen Hydrolysate ● Arthritis remedy, component of weight loss product and moisturizing properties
- Chondroitin Sulphate ● Arthritis remedies and preservation of eyesight
- Ferritin ● Treatment of iron deficiency (anaemia)
- Natural Taurine ● Infant milk formula (makes infant formula more like human milk)
● Health tonics & smart drinks
- Otheran ● Anti-oxidant and free radical scavenger
- D-Pinitol (Inzitol™) ● Possible treatment of hyperglycemia
- ProenOthera® ● Anti-oxidant and free radical scavenger
- Ovine Placenta Powder ● Extract for cosmetic or health benefits
- Sialic Acid ● Potential as a functional food additive

Animal Feed Ingredients

- Crude Natural Taurine ● Aquaculture, particularly in shrimp and prawn feeds
- Mixed Bile Acids ● Aquaculture (Steroid source for prawn feed ingredients)
● Feed ingredient for poultry and pigs



NEW ZEALAND

For more information, please visit our website www.nzp.co.nz

Product List

Specialty Carbohydrates and Derivatives

- | | |
|---|---|
| Glucofuranose pentapropanoate | ● Pharmaceutical intermediate: synthesis of pharmaceuticals, antibiotics and diagnostics |
| | ● A unique crystalline glucofuranose ester |
| N-Acetyl-D-mannosamine | ● Intermediate for the synthesis of several carbohydrate-derived families of biologically active compounds and pharmaceutical candidates, including sialic acid |
| N-Acetyl-D-Galactosamine | ● Pharmaceutical raw material: synthesis of pharmaceuticals, antibiotics and diagnostics |
| D-Mannosamine Hydrochloride | ● Intermediate for the synthesis of several carbohydrate-derived families of biologically active compounds and pharmaceutical candidates |
| Tetra- <i>O</i> -Acetyl- <i>N</i> -acetyl-D-mannosamine | ● Intermediate for the synthesis of carbohydrate-derived biologically active compounds and pharmaceutical candidates |
| Galactosamine Hydrochloride | ● Intermediate for the synthesis of several carbohydrate-derived families of biologically active compounds and pharmaceutical candidates |
| D- <i>chiro</i> -Inositol | ● Research chemical and pharmaceutical intermediate |
| Sialic Acid | ● Pharmaceutical intermediate: synthesis of pharmaceuticals, antibiotics and diagnostics |
| Methyl Sialylate | ● Pharmaceutical intermediate: synthesis of pharmaceuticals, antibiotics and diagnostics |

Products Under Development

- | | |
|---|--|
| Glycocholic Acid | ● Pharmaceutical intermediate: drug and vaccine delivery, adjuvant |
| Tauroursodeoxycholic Acid, Sodium Salt | ● Drug candidate for neurodegenerative, apoptotic and intestinal disorders |
| N-Propanoyl mannosamine | ● A sialic acid precursor used for cell surface engineering |
| Tetraacetyl-2-deoxy-2-phthalimidoglucose (TAPG) | ● A protected 2-amino-2-deoxyglucose for synthesis |
| 1,2- and 2,3-camphanylidene-myo-inositol | ● Starting material for the synthesis of phosphatidylinositol phosphates and other glycolipids |

For more information, please visit our website www.nzpsynthesis.com

