

Product opportunities in topical treatment

Lipidor AB develops topical products based on its AKVANO® lipid based technology, offering unique product opportunities across dermatology, wound and skin care markets.

AKVANO® technology is available to companies wishing to innovate, develop or improve new and existing products in areas like pharmaceuticals, biocides, cosmetics and medical devices. The versatility of the unique delivery system has enabled the successful

incorporation of more than 100 structurally very different ingredients for many different applications in pharma, consumer healthcare and animal care. AKVANO is designed for local treatment, not for systemic delivery.

Reformulation of existing products for topical treatment

Examples of indications:

Psoriasis	Pain
Atopic dermatitis/eczema	Acne
Skin infection	Alopecia
Wounds	Warts
Fungal infection	Corns and calluses

Formulation of new chemical entities (NCEs) for topical treatment

Lipidor supports originators recognizing the features and benefits provided by the spray system that want to test new chemical entities in the AKVANO® delivery system.

After confirming the feasibility of the NCE incorporation in the AKVANO® delivery system as well as the desired benefits, a licensing agreement is signed in order to move the product forward.

Examples of substances successfully incorporated into AKVANO®

Pharmaceuticals (APIs)

Antibacterials

Fusidic acid, sodium salt
Mupirocin
Retapamulin

Antifungals

Econazole nitrate
Miconazole nitrate
Clotrimazole
Terbinafine HCl
Tolnaftate

Antiseptics

Benzalkonium chloride
Chlorhexidine diacetate
Chlorhexidine digluconate

Corticosteroids

Betamethasone dipropionate
Betamethasone valerate
Hydrocortisone
Hydrocortisone acetate
Mometasone furoate
Clobetasol propionate

Immunosuppressants

Cyclosporin A
Tacrolimus
Crisaborole

NSAIDs

Diclofenac diethylamine
Diclofenac sodium
Ibuprofen
Indomethacin
Ketoprofen
Naproxen

Analgesics/ Antipruritics

Benzyl nicotinate
Camphor
Capsaicin
Menthol
Methyl nicotinate
Methyl salicylate

Local Anaesthetics

Benzocaine
Lidocaine HCl
Lidocaine
Prilocaine
Tetracaine

Vitamin D analogues

Calcipotriol
Calcitriol

Anti-Alopecia agent

Minoxidil

Anti-Acne

Adapalene
Clindamycin HCl
Isotretinoin
Lauric acid
Niacinamide
Salicylic acid

Wound Healing

Calcium pantothenate
Dexpanthenol

Steroid Hormones

Estradiol

Other APIs

Cannabidiol
Mirtazapine
Oxymetazoline HCl
Xylometazoline HCl
Zolmitriptan

Other actives

Allantoin
Aloe vera powder/flakes
Aluminum chloride
Avobenzone
Bemotrizinol
Benzalkonium chloride
Citric acid
Deet
Diethylamino hydroxybenzoyl hexyl benzoate
Dihydroxyacetone
Eucalyptus oil
Glycolic acid
Lactic acid
Lavender oil
Menthol
Octanediol
Octisalate
Octocrylene
Oxybenzone
Sesame oil
Sodium lactate
Thyme oil
Urea
Zinc phenolsulfonate