

ABSTRACT:

A pharmaceutically acceptable salt of a benzo[c]chroman compound and a polymorphic form and use of the pharmaceutically acceptable salt. The pharmaceutically acceptable salt is selected from hydrochloride, methanesulfonate, phosphate, L-tartrate, maleate, p-toluenesulfonate, sulfate, fumarate, succinate, citrate, malate, and hydrobromide. The pharmaceutically acceptable salt and the polymorphic form thereof improve the bioavailability and the stability, and as a cathepsin C inhibitor, can be used for treating asthma, obstructive pulmonary disease, bronchiectasis, ANCA-associated vasculitis, psoriasis, α 1-antitrypsin deficiency, lupus nephritis, diabetes, inflammatory bowel disease, rheumatoid arthritis, sinusitis, hidradenitis suppurativa, or cancer.

