

The invention relates to highly pure, crystalline, stable compounds of 3,3-diphenylpropylamine derivatives, in the form of their salts, a method for their production and highly pure, stable, intermediate products. The method is particularly characterized by regio- and chemo-selectivity and high yields and provides salts of phenolic monoesters of 3,3-diphenylpropylamines, which are particularly suitable for application in technical pharmaceutical formulations. Preferred compounds are R-(+)-2-(3-diisopropylamino-1-phenylpropyl)-4-hydroxyphenyl isobutyrate hydrogenfumarate and R-(+)-2-(3-diisopropylamino-1-phenylpropyl)-4-hydroxymethylphenyl isobutyrate hydrochloride hydrate. The method further provides essential, stable, crystalline intermediate products for the production of the above salts. A preferred intermediate product is R-(-)-3-(3-diisopropylaminophenylpropyl)-4-hydroxybenzoic acid methyl ester.