

Product Information

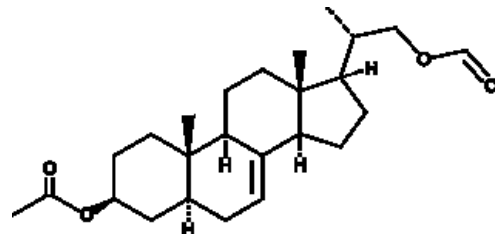


SH-42

Cat No: 34677 - 1 mg

General Data

Shipping:	dry ice
Formulation:	A solid
Purity:	≥95%



Product Overview

SH-42 is an inhibitor of Δ 24-dehydrocholesterol reductase (DHCR24; IC₅₀ = 4.2 nM).{64110} It increases serum levels of desmosterol (24-dehydro cholesterol; Item No. 14943), the immediate precursor of cholesterol (Item No. 9003100) in the Bloch pathway, in mice when administered at a dose of 0.5 mg/animal per day. SH-42 increases levels of arachidonic acid (Item Nos. 90010 90010.1 10006607) and its metabolite prostaglandin E2 (PGE2; Item No. 14010), as well as docosahexaenoic acid (Item Nos. 90310 17950) and its metabolites 19,20-EpDPA and 19,20-DiHDPA, in the peritoneal lavage fluid in a mouse model of peritonitis induced by zymosan A (Item No. 21175).{64111}

FP/26/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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