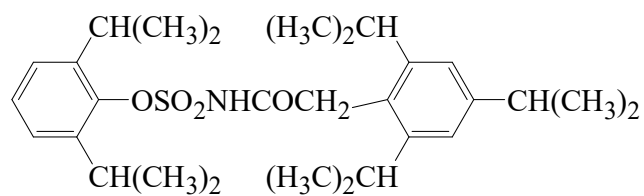




>>Entry Name: Avasimibe, INN, USAN

Synonym(s): *N*-[[2,6-Bis(1-methylethyl)phenoxy]sulfonyl]-2,4,6-tris(1-methylethyl)benzeneacetamide, 9CI. 2,6-Diisopropylphenyl [2,4,6-triisopropylphenylacetyl]sulfamate. CI 1011



CAS Registry Number: 166518-60-1

Molecular Formula: C₂₉H₄₃NO₄S

Molecular Weight: 501.729

Accurate Mass: 501.291279

Percentage Composition: C 69.42%; H 8.64%; N 2.79%; O 12.76%; S 6.39%

Biological Use/Importance: Acyl-CoA: cholesterol O-Acyl transferase (ACAT) inhibitor. Hypocholesterolaemic agent

Development Status: Phase III clinical trials (1998) (USA)

Melting Point: Mp 178-180°

>>Derivative: Na salt

CAS Registry Number: 166518-61-2

Melting Point: Mp 250-252°

References:

Pat. Coop. Treaty (WIPO), 1994, *Warner-Lambert*, 94 26 702; *CA*, **123**, 143436r, (*synth, pharmacol*)

Lee, H.T. *et al.*, *J. Med. Chem.*, 1996, **39**, 5031-5034, (*synth, pharmacol*)

Dozeman, G.J. *et al.*, *Org. Process Res. Dev.*, 1997, **1**, 137-148, (*synth*)

Ramharack, R. *et al.*, *Atherosclerosis (Shannon, Irel.)*, 1998, **136**, 79-87, (*pharmacol*)

Sorbera, L.A. *et al.*, *Drugs of the Future*, 1999, **24**, 9-15