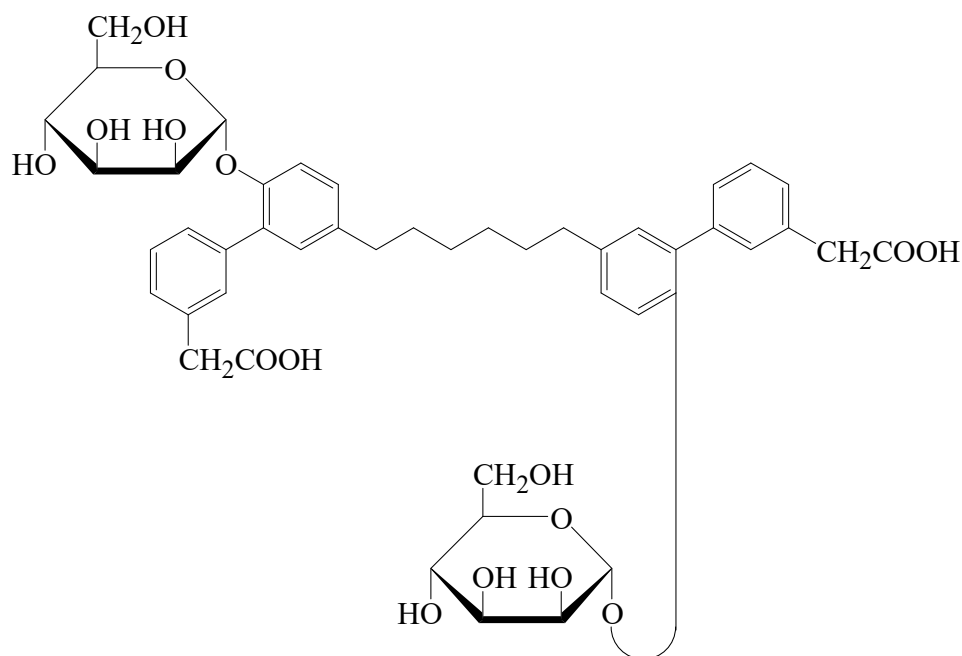




>>Entry Name: Bimosiamose, INN

Synonym(s): 3',3'''-(1,6-Hexanediyl)bis[6'-(α -D-mannopyranosyloxy)[1,1'-biphenyl]-3-acetic acid], 9Cl. 1,6-Bis[3-(3-carboxymethylphenyl)-4-(α -D-mannopyranosyloxy)phenyl]hexane. TBC 1269



CAS Registry Number: 187269-40-5

Related CAS Registry Numbers(s): 187269-60-9

Molecular Formula: $C_{46}H_{54}O_{16}$

Molecular Weight: 862.923

Accurate Mass: 862.34119

Percentage Composition: C 64.03%; H 6.31%; O 29.67%

Biological Use/Importance: Inhibitor of selectin-mediated cell adhesion. Potential antiasthmatic agent. Antiinflammatory agent. Used in the treatment of asthma, psoriasis and organ perfusion injury

Physical Description: Solid

Melting Point: Mp 115-117°

>>Derivative: Di-Na salt

Synonym(s): Bimosiamose disodium, USAN

CAS Registry Number: 187269-60-9

References:

Pat. Coop. Treaty (WIPO), 1997, *Texas Biotechnology*, 97 01 335; *CA*, **126**, 171842a, (*synth, pharmacol*)

Kogan, T.P. *et al.*, *J. Med. Chem.*, 1998, **41**, 1099-1111, (*synth, pharmacol*)

Davenpeck, K.L. *et al.*, *J. Allergy Clin. Immunol.*, 2000, **105**, 769-775, (*pharmacol*)