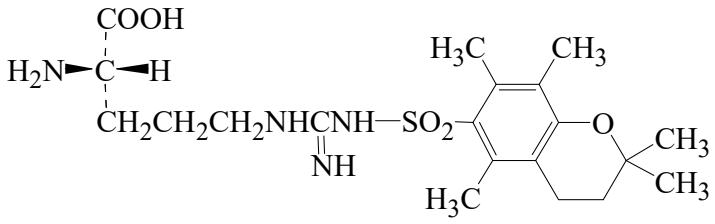
>>**Entry Name:** N^5-[[[(3,4-Dihydro-2,2,5,7,8-pentamethyl-2*H*-1-benzopyran-6-yl)sulfonyl]amino]iminomethyl]ornithine, 9CI
Synonym(s): N^G-(2,2,5,7,8-Pentamethylchroman-6-sulfonyl)arginine



Molecular Formula: $C_{20}H_{32}N_4O_5S$
Molecular Weight: 440.563
Accurate Mass: 440.209341
Percentage Composition: C 54.53%; H 7.32%; N 12.72%; O 18.16%; S 7.28%

>>**Variant:** (*S*)-form
Synonym(s): L-form

CAS Registry Number: 112160-37-9
Molecular Formula: $C_{20}H_{32}N_4O_5S$
Molecular Weight: 440.563
Accurate Mass: 440.209341
Percentage Composition: C 54.53%; H 7.32%; N 12.72%; O 18.16%; S 7.28%
Physical Description: Powder
Melting Point: Mp 95°. Mp 145° (double Mp)
Other Data: The protecting group is cleaved rapidly by F_3CCOOH or 50% F_3CCOOH in CH_2Cl_2 at r.t.

>>**Derivative:** N^2-Fluorenylmethoxycarbonyl

CAS Registry Number: 119831-72-0
Molecular Formula: $C_{35}H_{42}N_4O_7S$
Molecular Weight: 662.805
Accurate Mass: 662.277421
Percentage Composition: C 63.43%; H 6.39%; N 8.45%; O 16.90%; S 4.84%
Use/Importance: Reagent used in solid-phase peptide coupling
Melting Point: Mp 80-93°

References:

Ramage, R. *et al.*, *Tetrahedron*, 1991, **47**, 6353-6370, *(synth, ir, uv, pmr, cmr, use)*