



>>Entry Name: 4-Dodecylbenzenesulfonic acid, 9Cl

CAS Registry Number: 121-65-3

Related CAS Registry Numbers(s): 25155-30-0 26264-05-1 26264-06-2 27177-77-1 27323-41-7

Extra CAS Registry Numbers(s): 1330-69-4 1886-81-3 27176-87-0

Structure by analogy with 2-Dodecylbenzenesulfonic acid, [CPZ35-D](#)

Molecular Formula: C₁₈H₃₀O₃S

Molecular Weight: 326.499

Accurate Mass: 326.191565

Percentage Composition: C 66.22%; H 9.26%; O 14.70%; S 9.82%

Use/Importance: Detergent

>>Derivative: Na salt

CAS Registry Number: 2211-98-5

Use/Importance: Detergent

Melting Point: Mp 144-145°

>>Derivative: S-Benzylisothiuronium salt

Melting Point: Mp 117-118°

>>Derivative: *p*-Toluidine salt

Melting Point: Mp 144-145° (138-139.5°)

References:

Ogawa, M., *Nippon Kagaku Kaishi*, 1951, **54**, 779; *CA*, **48**, 3918, (*synth*)

Truce, W.E. *et al.*, *J.A.C.S.*, 1951, **73**, 126, (*synth*)

Pueschel, F. *et al.*, *Tenside Deterg.*, 1970, **7**, 249; *CA*, **74**, 99561, (*synth, ir*)