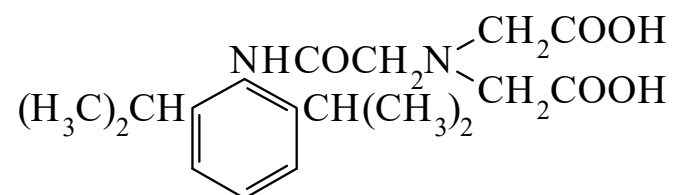




>>Entry Name: Disofenin, BAN, INN, USAN

Synonym(s): *N*-[2-[[2,6-Bis(1-methylethyl)phenyl]amino]-2-oxoethyl]-*N*-(carboxymethyl)glycine, 9Cl. (2,6-Diisopropylphenylcarbamoylmethylimino)diacetic acid. DISIDA



CAS Registry Number: 65717-97-7

Related CAS Registry Numbers(s): 110009-66-0

Type of Compound Code(s): XA3670 XA6220

Molecular Formula: C₁₈H₂₆N₂O₅

Molecular Weight: 350.414

Accurate Mass: 350.184173

Percentage Composition: C 61.70%; H 7.48%; N 7.99%; O 22.83%

Use/Importance: Diagnostic aid

Physical Description: Cryst. (H₂O)

Melting Point: Mp 191-192.5°

Calculated Log P Data: Log P 1.88 (calc)

Sigma: D9272

>>Derivative: Tc complex

see Bis[*N*-(2,6-diisopropylacetanilido)iminodiacetato]technetate(III)(1-), [KBL07-U](#)

References:

Ger. Pat., 1979, *New England Nuclear*, 2 920 770; *CA*, **92**, 153202s, (*synth, pharmacol*)

Best, M.P. *et al.*, *Aust. J. Chem.*, 1982, **35**, 2371, (*synth, pmr*)

Zmbova, B. *et al.*, *Appl. Radiat. Isot.*, 1987, **38**, 35, (*synth, use*)