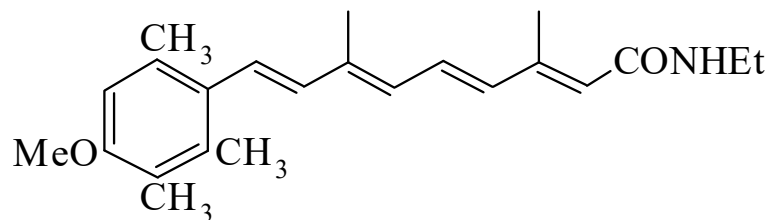




>>Entry Name: **Motretinide**, INN, USAN

Synonym(s): *N*-Ethyl-9-(4-methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenamide, 9CI. 9-(4-Methoxy-2,3,6-trimethylphenyl)-3,7-dimethyl-2,4,6,8-nonatetraenoic acid ethylamide. Tasmaderm. Moncler



Molecular Formula: C₂₃H₃₁NO₂

Molecular Weight: 353.503

Accurate Mass: 353.235479

Percentage Composition: C 78.15%; H 8.84%; N 3.96%; O 9.05%

Use/Importance: Keratolytic, antiacne, antineoplastic agent

Calculated Log P Data: Log P 6.26 (calc)

>>Variant: (*all-E*)-form

CAS Registry Number: 56281-36-8

Molecular Formula: C₂₃H₃₁NO₂

Molecular Weight: 353.503

Accurate Mass: 353.235479

Percentage Composition: C 78.15%; H 8.84%; N 3.96%; O 9.05%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 179-180°

References:

Bollag, W., *Chemotherapia*, 1975, **21**, 236, (*pharmacol*)

Englert, G., *Helv. Chim. Acta*, 1975, **58**, 2367, (*cmr, synth*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 765