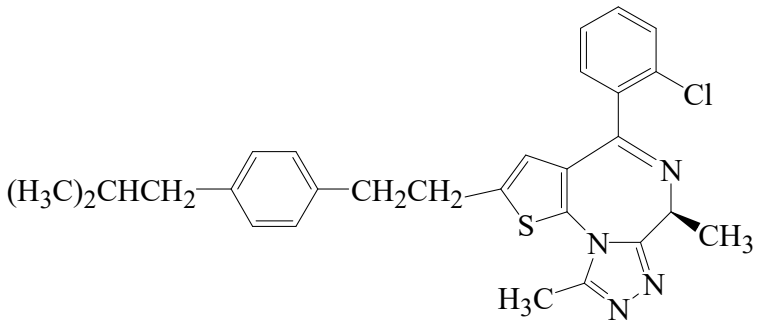
>>**Entry Name: Israpafant,** INN
Synonym(s): 4-(2-Chlorophenyl)-6,9-dimethyl-2-[2-[4-(2-methylpropyl)phenyl]ethyl]-6*H*-thieno[3,2-*f*][1,2,4]triazolo[4,3-*a*][1,4]diazepine, 9Cl. Y 24180



(*S*)-*form*

CAS Registry Number: 117279-73-9
Related CAS Registry Numbers(s): 136624-40-3 142415-73-4 142415-76-7

Molecular Formula: $C_{28}H_{29}ClN_4S$
Molecular Weight: 489.083
Accurate Mass: 488.180143
Percentage Composition: C 68.76%; H 5.98%; Cl 7.25%; N 11.46%; S 6.56%
Biological Use/Importance: PAF antagonist. Antiasthmatic, antiinflammatory agent

>>**Variant:** (*S*)-form

CAS Registry Number: 136624-39-0
Molecular Formula: $C_{28}H_{29}ClN_4S$
Molecular Weight: 489.083
Accurate Mass: 488.180143
Percentage Composition: C 68.76%; H 5.98%; Cl 7.25%; N 11.46%; S 6.56%
Optical Rotation: $[\alpha]_D^{20}$ –77.6 (c, 3.8 in MeOH)
Other Data: Pharmacol. active isomer

>>**Variant:** (±)-form

CAS Registry Number: 153321-72-3
Molecular Formula: $C_{28}H_{29}ClN_4S$
Molecular Weight: 489.083
Accurate Mass: 488.180143
Percentage Composition: C 68.76%; H 5.98%; Cl 7.25%; N 11.46%; S 6.56%
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 129.5-131.5°

References:

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