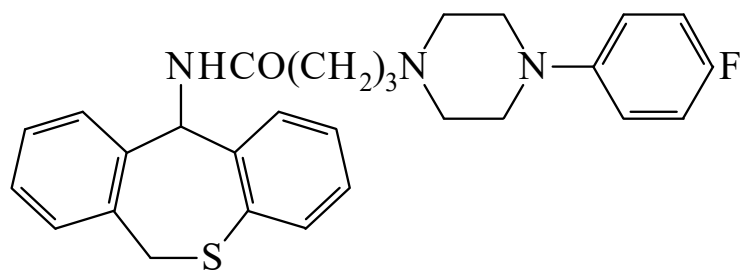




>>Entry Name: **Monatepil**, INN, USAN

Synonym(s): *N*-(6,11-Dihydrodibenzo[*b,e*]thiepin-11-yl)-4-(4-fluorophenyl)-1-piperazinebutanamide, 9Cl. Monasedin. AJ 2615



CAS Registry Number: 103377-41-9

Related CAS Registry Numbers(s): 103379-03-9 137732-21-9 139561-72-1 139561-73-2

Molecular Formula: C₂₈H₃₀FN₃OS

Molecular Weight: 475.629

Accurate Mass: 475.20936

Percentage Composition: C 70.71%; H 6.36%; F 3.99%; N 8.83%; O 3.36%; S 6.74%

Use/Importance: Calcium antagonist and antihypertensive agent. Also an α_1 -adrenoceptor antagonist with antihyperlipidaemic props.

Calculated Log P Data: Log P 5.44 (uncertain value) (calc)

>>Variant: (±)-form

CAS Registry Number: 132019-54-6

Molecular Formula: C₂₈H₃₀FN₃OS

Molecular Weight: 475.629

Accurate Mass: 475.20936

Percentage Composition: C 70.71%; H 6.36%; F 3.99%; N 8.83%; O 3.36%; S 6.74%

Physical Description: Cryst. (CHCl₃/hexane)

Melting Point: Mp 194-195°

>>Derivative: Maleate

CAS Registry Number: 132046-06-1

Physical Description: Cryst. (EtOH)

Melting Point: Mp 149-150°

References:

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Nose, I. *et al.*, *Arzneim.-Forsch.*, 1993, **43**, 722; 1303; 1994, **44**, 712, (*pharmacol*)

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