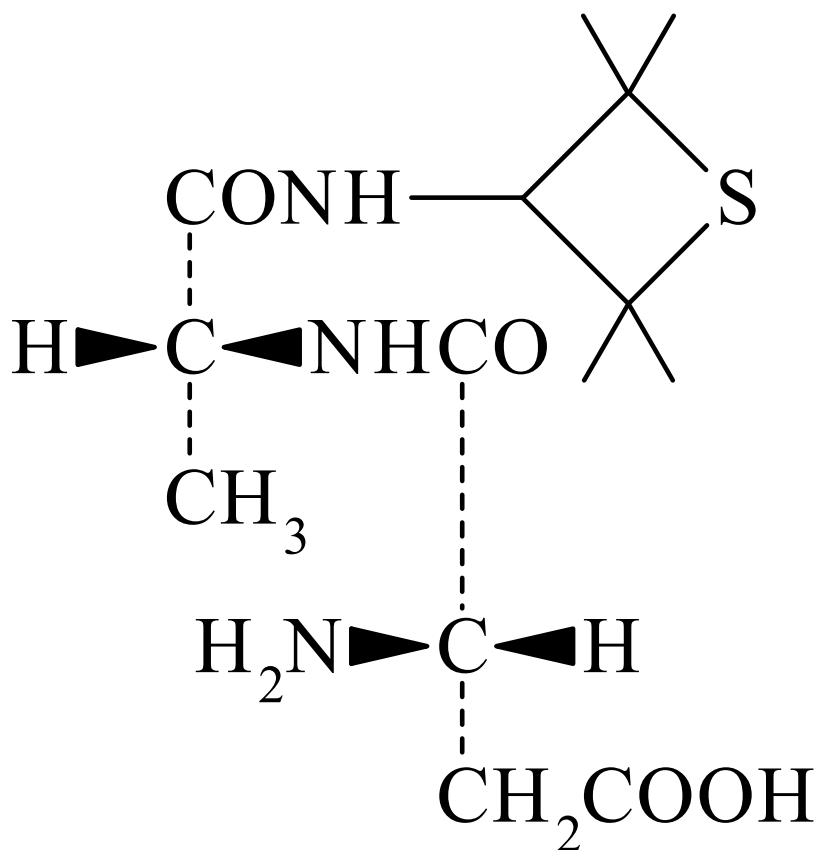




>>Entry Name: Alitame, USAN

ENTRY UNDER REVIEW

Synonym(s): L- α -Aspartyl-N-(2,2,4,4-tetramethyl-3-thietanyl)-D-alaninamide, 9CI. CP 54802



CAS Registry Number: 80863-62-3

Related CAS Registry Numbers(s): 99016-42-9

Molecular Formula: C₁₄H₂₅N₃O₄S

Molecular Weight: 331.435

Accurate Mass: 331.156577

Percentage Composition: C 50.74%; H 7.60%; N 12.68%; O 19.31%; S 9.67%

Use/Importance: Sweetening agent. Intensely sweet, approx. 2000 x sucrose

Physical Description: Solid + 2.5H₂O

Calculated Log P Data: Log P -1.28 (calc)

Other Data: Use currently (1999) permitted in Australia, New Zealand, Indonesia and China

References: