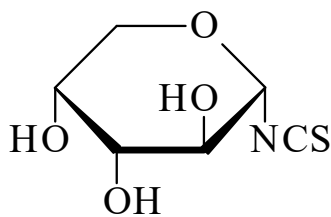




>>Entry Name: Arabinopyranosyl isothiocyanate



Molecular Formula: C₆H₉NO₄S

Molecular Weight: 191.207

Accurate Mass: 191.025229

Percentage Composition: C 37.69%; H 4.74%; N 7.33%; O 33.47%; S 16.77%

>>Variant: α-D-form

Molecular Formula: C₆H₉NO₄S

Molecular Weight: 191.207

Accurate Mass: 191.025229

Percentage Composition: C 37.69%; H 4.74%; N 7.33%; O 33.47%; S 16.77%

>>Derivative: 2,3,4-Tri-Ac

Synonym(s): 2,3,4-Tri-*O*-acetyl-α-D-arabinopyranosyl isothiocyanate

CAS Registry Number: 62414-75-9

Molecular Formula: C₁₂H₁₅NO₇S

Molecular Weight: 317.319

Accurate Mass: 317.056924

Percentage Composition: C 45.42%; H 4.76%; N 4.41%; O 35.29%; S 10.11%

Use/Importance: Reagent used for the hplc resolu. of amino acids

Physical Description: Syrup

Fluka: 90245

References:

Kinoshita, T. *et al.*, *J. Chromatogr.*, 1981, **210**, 77, (*use*)

Ogura, H. *et al.*, *Heterocycles*, 1982, **17**, 87, (*synth*)

Miller, K.J. *et al.*, *J. Chromatogr.*, 1984, **307**, 335, (*use*)