

Product Information

Acetobromo- α -D-glucuronic acid methyl ester

Cat. No.: XGB0121

Size: 1 g; 5 g

MDL: MFCD00061613

CAS Number: 21085-72-3

PubChem Substance ID: 24891328

NACRES: NA.25

Synonym: (2,3,4-Tri-O-acetyl- α -D-glucopyranosyl bromide)uronic acid methyl ester, Bromo-2,3,4-tri-O-acetyl- α -D-glucopyranuronic acid methyl ester, Methyl acetobromo- α -D-glucuronate

This product is for research use only and is not intended for diagnostic use.

Product Information

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|--------------------------|--|
| Molecular Weight | 397.17 |
| Empirical Formula | C ₁₃ H ₁₇ BrO ₉ |
| InChI | 1S/C13H17BrO9/c1-5(15)20-8-9(21-6(2)16)11(13(18)19-4)23-12(14)10(8)22-7(3)17/h8-12H,1-4H3/t8-,9-,10+,11-,12-/m0/s1 |
| SMILES string | <chem>COC(=O)[C@H]1O[C@H](Br)[C@H](OC(C)=O)[C@@H](OC(C)=O)[C@@H]1OC(C)=O</chem> |
| Form | powder |
| Purity | ≥93% |
| Quality Level | 200 |
| Applications | Acetobromo- α -D-glucuronic acid methyl ester is used to synthesize HMR1098-S-glucuronic acid methyl ester, a new K-ATP blocker, which can be used as a drug to prevent sudden cardiac death. |
| Storage | -20°C |

Safety Information

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| Personal Protective Equipment | Eyeshields, Gloves, type N95 (US) |
| WGK Germany | WGK 3 |