

CONTENT

Value Added Products from City Solid Waste Landfill Inert Soil

Name

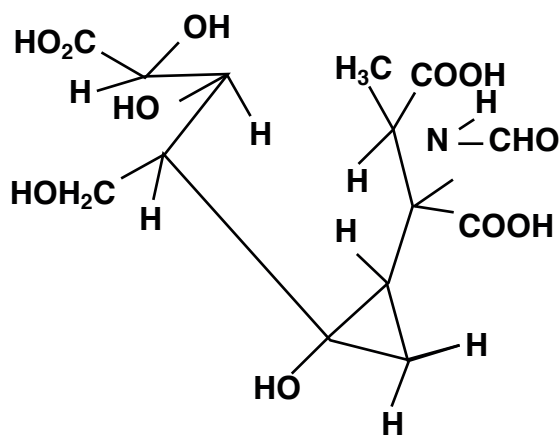
New Ghazipur landfill (GLF) compounds

Status

Available for development and commercialization

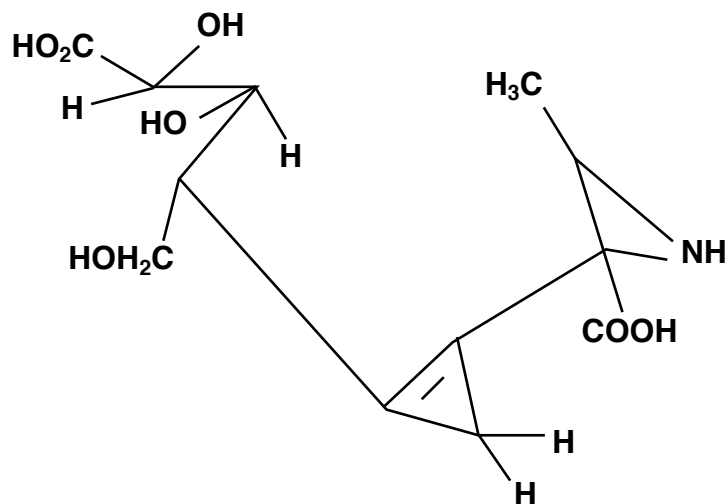
Chemical Structure

GLF: Mol. Wt. 379; C₁₄ H₂₁ N O₁₁

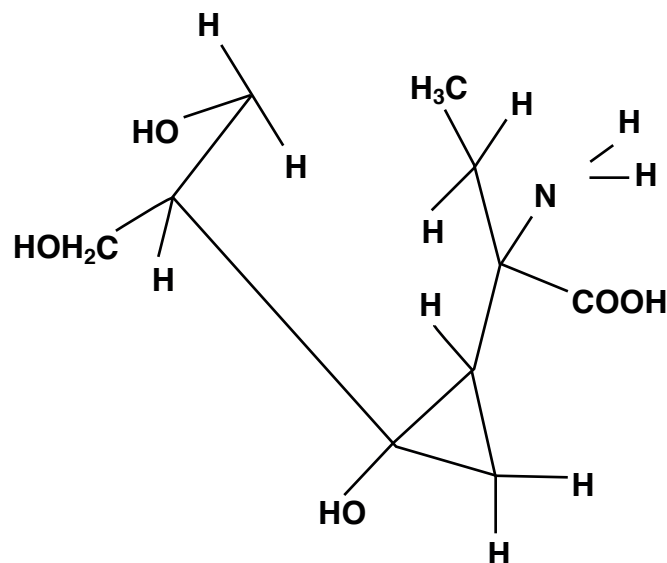


GLFP: Mol. Wt. 287; C₁₂ H₁₇ N O₇

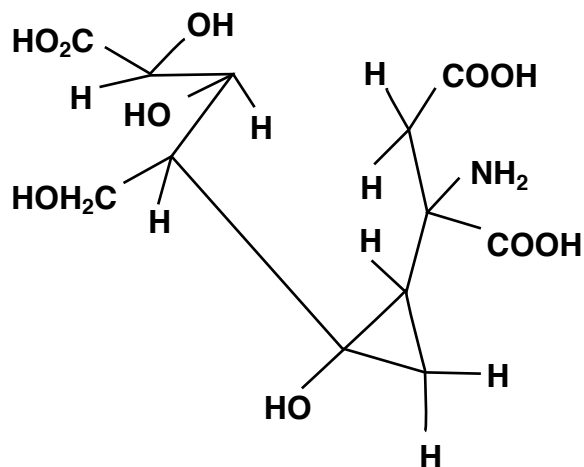
2-(2-(4-carboxy-1,3,4-trihydroxybutan-2-yl)cycloprop-1-enyl)-3-methylaziridine-2-carboxylic acid



GLF-NSIC, Mol. Wt. 287; C₁₀ H₁₉ N O₅



GLF-NSIC14, Mol. Wt.. 337; C₁₂ H₁₉ N O₁₀



Sectors of Application

- Agriculture
- Clean Energy

Summary

Four compounds identified from the Ghazipur Landfill inert soil have the proposed molecular formulae:

- GLF molecular formula (C₁₄ H₂₁ N O₁₁, molecular weight- 379.115)
- GLF-P molecular formula (C₁₂ H₁₇NO₇, molecular weight 287.1005)
- GLF-NSIC molecular formula (C₁₀ H₁₉ N O₅, molecular weight, 233.1263)
- GLF-NSIC-14 molecular formula (C₁₂ H₁₉ NO₁₀, molecular weight, 337.1009)