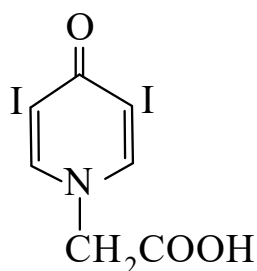




>>Entry Name: **3,5-Diiodo-4-oxo-1(4*H*)-pyridineacetic acid**, 9Cl, 8Cl

Synonym(s): 3,5-Diiodo-4-pyridone-1-acetic acid. Pelvirinic acid



CAS Registry Number: 101-29-1

Molecular Formula: C₇H₅I₂NO₃

Molecular Weight: 404.93

Accurate Mass: 404.83589

Percentage Composition: C 20.76%; H 1.24%; I 62.68%; N 3.46%; O 11.85%

Use/Importance: Diagnostic aid in contrast radiology

Melting Point: Mp 247 dec.°

Aldrich: D12380-3

>>Derivative: Diethanolamine salt (1:1)

Synonym(s): **Diodone**, INN. Iodopyracet. Cardiotrast. Many other names

CAS Registry Number: 300-37-8

Type of Compound Code(s): XA3670 XA6200

Use/Importance: Urographic diagnostic aid

Physical Description: Powder

Melting Point: Mp 155-157 dec.°

Other Data: Freq. used in ¹²⁵I- or ¹³¹I-labelled form

>>Derivative: *N*-Methylglucamine salt (1:1)

Synonym(s): **Diodone meglumine**. Many other names

CAS Registry Number: 3736-90-1

Type of Compound Code(s): XA6200 XA3670

Use/Importance: Radiopaque medium

>>Derivative: 2-Hydroxypropyl ester

Synonym(s): **Oxypropyliodone**. Broncho-Abrodil-Flasche

CAS Registry Number: 22940-77-8

Type of Compound Code(s): XA6200 XA3670

Molecular Formula: C₁₀H₁₁I₂NO₄

Molecular Weight: 463.01

Accurate Mass: 462.877755

Percentage Composition: C 25.94%; H 2.39%; I 54.82%; N 3.03%; O 13.82%

Use/Importance: Bronchographic diagnostic aid

Physical Description: Cryst. (EtOH)

Melting Point: Mp 170-172°

Calculated Log P Data: Log P 0.96 (calc)

>>Derivative: Propyl ester

Synonym(s): **Propyliodone**, BAN, INN. Bronchodiagnostin. Brosombra. Dionosil. Diostiril. Propiodone. Propylix

CAS Registry Number: 587-61-1

Type of Compound Code(s): XA6200 XA3670

Molecular Formula: C₁₀H₁₁I₂NO₃

Molecular Weight: 447.011

Accurate Mass: 446.88284

Percentage Composition: C 26.87%; H 2.48%; I 56.78%; N 3.13%; O 10.74%

Use/Importance: Bronchographic diagnostic aid

Melting Point: Mp 186-187°

Calculated Log P Data: Log P 2.38 (calc)

Rare Chemicals Library: S43332-2