

2,4-Pyridinedicarboxylic acid CAS:499-80-9

中文名: 2,4-吡啶二羧酸

CAS:499-80-9

2,4-Pyridinedicarboxylic acid

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English synonyms

2,4-PDCA;2, 4-PDCA;LUTIDINIC ACID;4-Lutidinic Acid;2,4-LUTIDINIC ACID;RARECHEM AL BO 0286;2,4-

Dicarboxypyridine;2,4-Dicarboxylpyridine;3-Diphenylisobenzofuran;Topiroxostat Impurity 49

Overview:

Common Name: 2,4-Pyridinedicarboxylic acid

Other chemical name:

RARECHEMALBO0286;PYRIDINE-2,4-DICARBOXYLICACID;LUTIDINICACID;2,4-LUTIDINICACID;2,4-

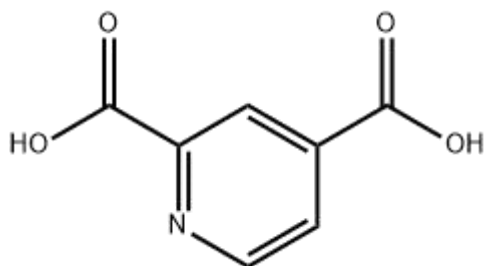
PYRIDINEDICARBOXYLICACChemicalbookID;2,4-Pyridinedicarboxylicacidhydrate;2,4-PyridinecarboxylicAcid;2,4-

Pyridinedicarboxylicacidhydrate,99+%

MF: C7H5NO4

MW: 167.12

CAS: 499-80-9



Physical and Chemical Properties:

Melting Point: 243-246° C

Boiling Point: 295.67° C (roughestimate)

Density: 1.5216 (roughestimate)

Refractive Index: 1.6280 (estimate)

Storage Conditions: Storebelow+30° C.

Solubility: 2.49g/l

Acidity: Coefficient (pKa) 2.15 (at25° C)

Form: Crystalline Powder

Color: White to almost white

Water: Soluble in water at 20° C 4.5 g/L.

Purity: ≥98%

chemical properties:

Melting point: 243-246° C

Boiling point: 295.67° C (rough estimate)

Density: 1.5216 (rough estimate)

Refractive index: 1.6280 (estimate)

Storage conditions: Store below +30° C.

Solubility: 2.49g/l

Acidity coefficient (pKa): 2.15 (at 25°C)

Form: Crystalline Powder

Color: White to off-white

Water solubility: Soluble in water at 20° C 4.5g/L.

Maximum wavelength (λ max): 258nm (MeOH aq.) (lit.) BRN: 131631

CAS Database: 499-80-9 (CAS Database Reference)

EPA Chemical Substance Information: 2,4-Pyridinedicarboxylic acid (499-80-9)

Features and uses:

2,4-Pyridinedicarboxylic acid can be used as organic synthesis intermediate and pharmaceutical

intermediate, mainly used in laboratory research and development process and chemical production process.

Storage Information:

Store in a cool and ventilated warehouse. Keep away from fire and heat source. Keep out of direct

sunlight. Keep the container sealed. It should be stored separately from oxidants and edible chemicals,

and avoid mixed storage. Fire fighting equipment of corresponding variety and quantity shall be provided.

The storage area shall be equipped with leakage emergency treatment equipment and suitable storage materials.

biological activity

2,4-Pyridinedicarboxylic acid (Lutidinic Acid, 2,4-Dicarboxypyridine, 2, Chemicalbook 4-PDCA) is similar in

structure to 2-oxoglutarate (2-OG) and forms a chelate with zinc, thus affecting most enzymes. It inhibits

the activity of 2-OG oxygenases.

Package:

25kg/bucket

Company Name:	Newtop Chemical Materials (Shanghai) Co., Ltd.
Sales Manager:	Hunter
E-Mail:	Hunter@newtopchem.com
Tel:	+86-021-5657 7831
Mobile Phone:	+86-18301903153
Address:	Rm. 1104, No. 258, Songxing West Road, Baoshan District, Shanghai, China (Mainland)
Website:	www.newtopchem.com

FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C, You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.) or by air. Usually it will cost 3-5days that you can get the goods after delivery. For large quantity products, shipping by sea is worthwhile. It will cost days to weeks to come to your destination port, which depends on where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.