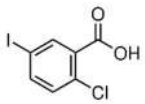
AURORA BIOPHARMA
Contact: +91-9381230515
Email: info@aurorabiopharma.in /
aurorabiopharma777@gmail.com
Website: https://aurorabiopharma.in/

TECHNICAL DATA SHEET

Product name: **2-Chloro-5-iodobenzoic acid**



Specifications

Parameters	Specifications	Typical results
Appearance	White to light yellow crystal powder	Complies
Melting Point	157-161°C	157-161°C
Assay Purity	NLT 98 %	99.0 %.

Stability and storage:

2-Chloro-5-iodobenzoic acid should be stored in a cool, dry, and well-ventilated place, away from light and moisture. It is recommended to keep the container tightly closed when not in use to prevent degradation and maintain stability. The ideal storage temperature is typically room temperature, but it's often advised to store it in a cool place

Application Area:

2-Chloro-5-iodobenzoic acid is a synthetic intermediate primarily used in the pharmaceutical industry. It serves as a key building block in the production of various drugs, including anti-diabetic and anti-inflammatory medications. It's also utilized in the synthesis of other chemical compounds and materials.

It is used in the production of SGLT-2 inhibitors, a class of drugs used to treat diabetes

It plays a crucial role in the synthesis of mGluR2 positive allosteric modulators, which are molecules that can modulate the activity of a specific receptor in the brain.

General information

CAS No. : 19094-56-5

IUPAC Name : 2-chloro-5-iodobenzoic acid

Synonyms : 2-chloro-5-iodo

EC No. : 606-224-0

Physical/Chemical properties:

Molecular Formula : C7H4ClIO2

Molecular weight : 282.46

Melting point : 157.0°C-161.0°C

Solubility : Ethanol, Methanol

Physical state at 20°C : Solid

Flash Point : 173 °C

Hazard classification & labelling:

Single Word : Warning

Pictogram :

Classification according to Regulation (EC) No 1272/2008 : H301, H318 , H400
H315, H319,H335

Precautionary statement(s) : P261, P264, P264+P265, P270, P271, P273, P280, P301+P316, P302+P352, P304+P340, P305+P351+P338, P305+P354+P338, P317, P319, P321, P330, P332+P317, P337+P317, P362+P364, P391, P403+P233, P405, and P501