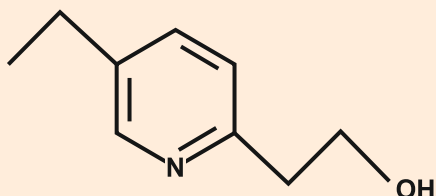




5-ETHYL PYRIDINE-2-ETHANOL

1. STRUCTURE



2. PRODUCT NAME & DETAILS

5-Ethyl pyridine-2-ethanol

Product Code	: 002546
CAS No.	: 5223-06-3
HS Code	: 2933.31.00
Molecular formula	: C ₉ H ₁₃ NO
Molecular weight	: 151.000

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
5-ethylpyridine-2-ethanol	5-ethylpyridine-2-ethanol	5223-06-3	226-024-3
European Inventory of Existing Commercial Chemical Substances (EINECS)		Listed	
EC Inventory		Listed	
United States Toxic Substances Control Act (TSCA) Inventory		Not Listed	
China Catalog of Hazardous chemicals 2015		Not Listed	
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)		Listed	
Korea Existing Chemicals List (KECL)		Not Listed	
Canadian Domestic Substance List (DSL)		Not Listed	
Canadian Non-Domestic Substance List (NDSL)		Not Listed	
Japanese Existing and New Chemical Substances Inventory (ENCS)		Listed	

4. SPECIFICATION

Physical Appearance	: Colorless to Yellow Solid or Viscous Liquid
Miscibility	: Miscible with Methanol
Moisture Content (KF)	: NMT 0.50%
Solubility	: Freely Soluble in Dichloromethane
Assay (by Titration, Non Aqueous)	: 99.0 to 102.0 %
Identification By GC	: Retention Time of the Sample should Match with the Standard
Total Impurities	: NMT 1.0%

Disclaimer

Typical properties should not be considered as specification.
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.
Products will not be supplied to countries where they could be in conflict with existing patents.
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)
Above information is given in good faith and without warranty.



5-ETHYL PYRIDINE-2-ETHANOL

4. SPECIFICATION

5-Ethyl-2-vinyl-pyridine	: NMT 0.50%
5-Ethyl-2-methyl-pyridine (by GC)	: NMT 0.20%
Purity By GC	: NLT 99.0%

5. APPLICATION

- It is used as intermediates of Pioglitazone HCl.
- Pioglitazone is an orally-active thiazolidinedione with antidiabetic properties and potential antineoplastic activity.
- Pioglitazone is an antihyperglycaemic agent.
- Pioglitazone acts as an "insulin sensitizer", providing a means to improve glycaemic control by reducing insulin resistance and thus decreasing hyperglycaemia in patients with type 2 diabetes mellitus.

6. HAZARD CLASSIFICATION : Non-Hazardous Substance.



Corrosive



Irritant

7. ANNUAL CAPACITY : 72 MT.

8. STORAGE CONDITION : Store in closed container at ambient temperature. Avoid direct sunlight.

9. PACKING DEATILS

: Outer Packing : 25 kg HDPE Open Mouth Drum
Inner Packing : Double H. M. Bag (White & Black)
150 Kg Net in GI drum
200 Kg Net in GI drum

10. SHELF LIFE : 3 years.

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