Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)
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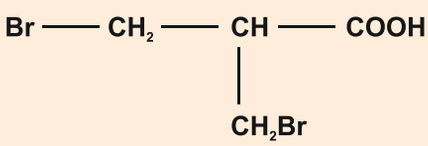
3-BROMO-2-(BROMOMETHYL) PROPIONIC ACID

1. STRUCTURE



2. PRODUCT NAME & DETAILS

3-Bromo-2-(bromomethyl) propionic acid

Product Code	**: 001387**
CAS No.	**: 41459-42-1**
HS Code	**: 2903.39.20**
Molecular formula	**: $C_4H_6BR_2O_2$**
Molecular weight	**: 245.91**

3. SPECIFICATION

Physical Appearance	**: Buff To Brown Coloured Powder**
Melting Point	**: 98.0 to 102.0°C**
Moisture Content (KF)	**: NMT 0.50%**
Assay (by Titration Acidimetry)	**: 98.5 to 102.5%**

4. APPLICATION

- Used as general industrial fine chemical.
- 3-Bromo-2-(bromomethyl)propionic acid acts as an organic building block for the preparation of beta-substituted acrylates.
- It is used in the preparation of t-butyl 2-(phenylthiomethyl) propenoate, t-butyl 3-(phenylthio)-2-(phenylthiomethyl) propenoate and 3-(phenylthio)-2-(phenyl-sulfinylmethyl)propenoate.
- Further, it plays an important role in the synthesis of beta-lactams by cyclization of the corresponding amide.

5. HAZARD CLASSIFICATION

: Hazardous substance. **(UN No. 3261)**

Corrosive

6. CAPACITY

: 5-25 kg per month.

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 warrenty.

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7. STORAGE CONDITION : Store in closed container at ambient temperature. Avoid direct sun light.

8. PACKING DETAILS : 15 Kg corrugated box with PE liner Or in HDPE container with liner.

9. SHELF LIFE : 1 year.

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