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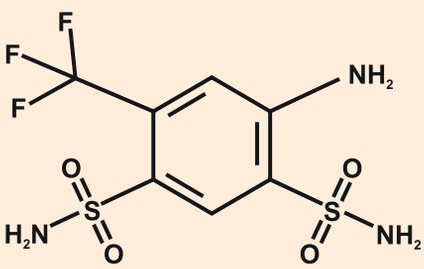
4-AMINO-6-(TRIFLUOROMETHYL)BENZENE-1,3-DISULFONAMIDE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

4-Amino-6-(trifluoromethyl)benzene-1,3-disulfonamide (TFMSAA)

Product Code	**: 002293**
CAS No.	**: 654-62-6**
HS Code	**: 2935.00.90**
Molecular formula	**: $C_7H_8F_3N_3O_4S_2$**
Molecular weight	**: 319.280**

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
4-Amino-6-(trifluoromethyl)benzene -1,3-disulfonamide (TFMSAA)	5-amino-□,□,□-trifluorotoluene-2,4 -disulphonamide	654-62-6	211-506-8

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)	Not 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)	Not Listed

4. SPECIFICATION

Physical Appearance	**: White Powder**
Related Substance (HPLC) Each Other Impurity	**: NMT 0.50%**
Total Impurities (HPLC)	**: NMT 2.0 %**
Melting Point	**: 240-248°C**
Loss on Drying	**: NMT 2.0%**
Residue on Ignition	**: NMT 2%**

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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4. SPECIFICATION

Assay (HPLC)	**: NLT 98%**
Related Substances (TLC) (5-trifluoromethyl Aniline-2,4-disulphonic Acid)	**: NMT 0.5%**
Related Substances (HPLC)	
2-sulphamyl-5-trifluoromethyl Aniline	**: NMT 0.20%**

5. APPLICATION

- Used for manufacturing Fine Chemicals.

- 4-Amino-6-(trifluoromethyl)benzene-1,3-disulfonamide is a carbonic anhydrase inhibitor, used as a potential anti-tumor and antiglaucoma drug. Metabolite of hydroflumethazide, a diuretic.

6. HAZARD CLASSIFICATION : Non-Hazardous Substance.

Irritant

7. ANNUAL CAPACITY : 6 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 : 2 plastic liner with strip seal individually on each liner

10. SHELF LIFE : 2 years.

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