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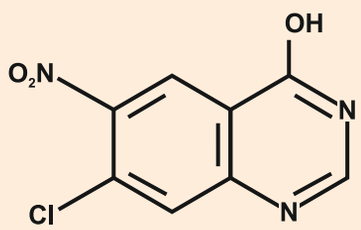
6-NITRO-7-CHLORO-4-HYDROXY QUINAZOLINE

1. STRUCTURE



2. PRODUCT NAME & DETAILS

6-Nitro-7-chloro-4-hydroxy quinazoline

Product Code	**: 002694**
CAS No.	**: 53449-14-2**
HS Code	**: 2933.99.00**
Molecular formula	**: $C_8H_4ClN_3O_3$**
Molecular weight	**: 225.590**

3. REGULATORY INFORMATION

Chemical name	Common names and synonyms	CAS number	EC number
6-Nitro-7-chloro-4-hydroxy quinazoline	7-Chloro-6-nitroquinazoline-4-ol	53449-14-2	678-360-9

European Inventory of Existing Commercial Chemical Substances (EINECS)	Not Listed
EC Inventory	Not 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	**: Pale Yellow Powder to Light Brown Powder**
Melting Point	**: Min. 300.0 °C**
Identification (HPLC)	**: RT of Sample Should Matches with Standard**
Moisture Content (KF)	**: NMT 0.5%**
7-Chloro-4[1h]-quinazolinone	**: MAX 0.5%**
Any Others Impurity	**: MAX 0.1%**
5,7-Dichloro-4[1h]quinazolinone	
+7-chloro-8nitro-4[1h]quinazolin One	**: MAX 1.5%**
Assay (HPLC)	**: NLT 98%**

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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5. APPLICATION : It is use as intermediate of Afatinib and Afatinib Dimaleate.
It is use in Anti-Cancer, Oncology Drug.

6. HAZARD CLASSIFICATION : Hazardous Substance **(UN No. 2811)**.

Acute Toxic **Irritant**

7. ANNUAL CAPACITY : 24 MT.

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

9. PACKING DEATILS : Outer Packing : 25 kg HDPE UN Approved Open Mouth Drum
Inner Packing : 2 plastic liner with strip seal individually on each liner

10. SHELF LIFE : 1 year.

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