Chem-Impex International, Inc.

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Manufacturing site:

Shipping and Correspondence:

935 Dillon Drive 825 Dillon Drive

Wood Dale, IL 60191 Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 24333

Lot Number 002405-151-0066

Product 4-Nitro-1*H*-indole-3-carbaldehyde

3-Formyl-4-nitroindole

4-Nitroindole-3-carboxaldehyde

CAS Number 10553-11-4 Molecular Formula C₉H₆N₂O₃

Molecular Weight 190.16

Appearance Yellow solid

13C NMR Conforms to structure
1H NMR Conforms to structure

Purity > 95% (NMR)

Application Used in preparation of tryptophan dioxygenase inhibitors as potential

anticancer immunomodulators.

Storage Store at 0-8 °C

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Bala Kumar

Quality Control Manager