Material Safety Data Sheet
MSDS created: 23-05-2013

1 - Identification of substance and manufacturer
Axon catalogue ID: 2030
Product name: E 5555
IUPAC name: 1-(3-tert-butyl-4-methoxy-5-morpholinophenyl)-2-(5,6-diethoxy-7-fluoro-1-imino-isoindolin-2-y1)ethanone hydrobromide

2 - Information on ingredients
Hazardous ingredient: E 5555
CAS number: 474550-69-1
Concentration: 99.6%
LD-50 of ingredient: No data available

3 - Hazards identification
Route of entry: Potential health effects
Eye contact, Inhalation, Digestion
May be harmful by inhalation, ingestion or eye and/or skin absorption. May cause irritation to eye, mucous membranes, upper respiratory system, and/or skin. The toxicological properties of this compound have not been fully tested. For research purposes only.

4 - First Aid Measures
Skin contact: Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.
Eye contact: Rinse with copious amounts of water for at least 15 minutes.
Inhalation: Transfer victim to an un-effect area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.

5 - Fire Fighting Measures
Fire fighting instructions: Use extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.
Flammable: No data available
Flashpoint (°C): No data available
Hazardous combustion products: May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

6 - Accidental Release Measures
Leak and spill procedures: Wear appropriate protective clothing. Vacuum or sweep up dry material and dispose in an appropriate container as described under Disposal Conditions. Avoid raising dust. Absorb solutions with finely-powdered liquid-binding material. After removal, ventilate and decontaminate surfaces and equipment with alcohol. Dispose of contaminated materials according to section 13.

7 - Handling and Storage
Handling procedures and equipment: Avoid inhalation, contact with eyes, skin and clothing. Wear appropriate protective clothing. Avoid repeated and/or prolonged exposure. Use in a chemical fume hood, with an independent air supply.
Storage requirements: Store in a properly sealed container under the storage conditions indicated on the label.

8 - Exposure Control / Personal Protection
Exposure limits: No data available
Protection of hands/skin: Chemical resistant gloves and lab coat
Protection of eyes: Appropriate safety glasses

9 - Physical and chemical properties
Batch molecular formula: C29H38FN3O5.HBr.0.5H2O
Batch MW: 617.55
Appearance: Off-white solid
Melting point: N.A.
Chemical purity: 99.6%
Optical purity (ee): N.A.
Solubility in water (mg/mL): 0.01

10 - Stability and reactivity
Stability: Stable under normal handling conditions.
Reactivity: May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.
Conditions and materials to avoid: Protect from light and heat. Avoid strong oxidizing agents.

11 - Toxicological information
Toxicity: No data available
Carcinogenicity: No data available
Mutagenicity: No data available
Teratogenicity: No data available

12 - Ecological information
Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

13 - Disposal considerations
Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

14 - Transport Information
US DOT shipping name: No data available
IATA class: 2942.00.0000
Applicable HS class: No data available
Transportation (Land/Sea/Air): Non-hazardous

15 - Regulatory Information
Hazardous ingredient: E 5555
CAS number: 474550-69-1
European risk and safety phrases: US EPA SARA Title III
US EPA CAA, CWA, TSCA
R26/27/28: Very toxic by inhalation, in contact with skin and if swallowed
Sec.302 (EHS) - No
Sec.303 (EHS) - No
Sec.313 (TRI) - No
CA PROP 65 - No

16 - Other information
The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists. For research use only by trained personnel.
CAUTION: SUBSTANCE NOT FULLY TESTED