SAFETY DATA SHEET

Flubromazepam – 6 mg/mL – Solution – Analytical Reference Standard
Version 1.0

SECTION 1 — IDENTIFICATION

Product identifier: Flubromazepam – 6 mg/mL – Solution – Analytical Reference Standard
CAS: 2647-50-9
Formal name: 7-bromo-5-(2-fluorophenyl)-1,3-dihydro-2H-1,4-benzodiazepin-2-one
Formula: C15H10BrFN2O
Molecular weight: 333.16 g/mol
Recommended use: Laboratory analytical/reference-standard use only.
Supplier: Novel Science Shop
Address: 32 N Gould St, Sheridan, WY 82801, United States

SECTION 2 — HAZARD IDENTIFICATION

Comprehensive product-specific toxicological data are limited. Treat as a potentially hazardous CNS-active laboratory substance.
Potential hazards: May cause sedation, dizziness, drowsiness, and impaired coordination. Avoid exposure.
GHS classification: Not established from sufficient product-specific data. Do not infer a formal classification solely from chemical class.
Signal word: Not assigned.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Flubromazepam
CAS: 2647-50-9
Concentration: 6 mg/mL
Form: Solution
Solvent: Not specified in the supplied product description. Solvent-specific hazards must be added when identified.

SECTION 4 — FIRST-AID MEASURES

Inhalation: Move to fresh air; obtain medical attention if symptoms develop.
Skin: Remove contaminated clothing and wash thoroughly with soap and water.
Eyes: Rinse cautiously with water for at least 15 minutes.
Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention.

SECTION 5 — FIRE-FIGHTING MEASURES

Use extinguishing media appropriate for the surrounding fire and solvent present. Thermal decomposition may produce irritating or toxic nitrogen- and halogen-containing products. Firefighters should use appropriate protective equipment and SCBA where required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Restrict access and ventilate the area. Wear gloves, eye protection, and protective clothing. Absorb small spills with an inert material compatible with the solvent. Avoid drains, aerosols, and unnecessary contact. Dispose of waste according to applicable regulations.

SECTION 7 — HANDLING AND STORAGE

Handle as a laboratory chemical using appropriate ventilation and hygiene. Avoid inhalation, ingestion, and skin/eye contact. Keep tightly closed and labeled. Store in a cool, dry location protected from incompatible materials and direct light. Follow supplier-specific storage conditions when available.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

No occupational exposure limit was identified for flubromazepam. Use local exhaust ventilation or a chemical fume hood. Wear chemical-safety goggles, chemical-resistant gloves, and laboratory protective clothing. Use suitable respiratory protection if engineering controls are inadequate.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solution
Concentration: 6 mg/mL flubromazepam
Active substance: Flubromazepam is reported as a crystalline solid in reference-standard listings.
pH, flash point, boiling point, vapor pressure: Not determined for the supplied formulation and dependent on solvent.
Solubility: Solvent-dependent.

SECTION 10 — STABILITY AND REACTIVITY

Stable under recommended laboratory storage conditions when properly sealed. Avoid excessive heat, ignition sources, and unnecessary light exposure. Avoid strong oxidizers and incompatible chemicals. Decomposition products may form during fire or severe heating. Formulation reactivity depends on solvent.

SECTION 11 — TOXICOLOGICAL INFORMATION

Available toxicological information is limited. Flubromazepam is a benzodiazepine associated with sedative/CNS-depressant effects.
Routes: Inhalation, ingestion, skin and eye contact.
Potential effects: Drowsiness, sedation, dizziness, impaired coordination and other CNS effects. Product-specific quantitative acute-toxicity values were not identified and should not be estimated without validated data.

Important: This is a laboratory safety reference, not a manufacturer-validated SDS. The solvent identity is required to complete formulation-specific hazard, transport, fire, and physical-property information.