Clonazolam
Item No. 18173

CAS Registry No.: 33887-02-4
Formal Name: 6-(2-chlorophenyl)-1-methyl-8-nitro-4H-[1,2,4]triazolo[4,3-a][1,4]benzodiazepine
Synonym: Clonitrazolam
MF: C_{17}H_{12}ClN_{5}O_{2}
FW: 353.8
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C

Description

Clonazolam is a benzodiazepine that was developed as a central nervous system depressant in the 1970s and has recently emerged as a drug of abuse.\(^1\)\(^2\) It potently antagonizes convulsions induced by thiosemicarbazide and pentobarbital (ED\(_{50}\) = 90 µg/kg for both agonists in mice).\(^1\) In vitro phase I metabolites of clonazolam, derived from human liver microsomes, have been described.\(^2\) This product is intended for forensic and research applications.

This product is a qualified Reference Material (RM) that has been manufactured and tested to meet ISO17025 and Guide 34 guidelines. These materials are tested using validated analytical methods on qualified instrumentation to ensure traceability of measurements. All traceable RMs may be distinguished by their CoAs and can be downloaded using the batch number located on the product label. For a representative CoA please contact our technical support.

References