



Formula: C₁₁H₁₄N₂O

MW: 190.25

CAS: 485-35-8

MDL: MFCD00075715

TNP: TNP00030

SOPHORINE; 1,2,3,4,5,6-Hexahydro-1,5-methano-8H-pyrido[1,2-a][1,5]diazocin-8-one;
1,2,3,4,5,6-Hexahydro-1,5-methano-pyrido[1,2-a][1,5]diazocin;
1,5-Methano-8H-pyrido(1,2-a)(1,5)diazocin-8-one, 1,2,3,4,5,6-hexahydro-;
1,5-Methano-8H-pyrido[1,2-a][1,5]diazocin-



LogP: 3.01

LogS: -4.23

Acceptors: 1

Donors: 1

Rotation Bonds: 0

Chiral Centers: 2

N+O: 3

LIPINSKY: 4

Info: in seeds Laburnum Anagiroides and other Leguminosae

IUPAC: 7,11-diazatricyclo[7.3.1.0]trideca-2,4-dien-6-one

Smiles: C1NCC2c3n(c(ccc3)=O)CC1C2

Specification: Heterocyclic Compounds; Neurochemicals; Nicotine Derivatives CYTISINE
Chemical Properties:

mp 154-156 C(lit.) bp 218 C/2 mm Hg(lit.) storage temp. Store at RT form powder color light yellow Merck 13,2818 NIST Chemistry Reference Cytisine(485-35-8) EPA Substance Registry System 1,5-Methano-8H-pyrido[1,2-a][1,5]diazocin-8-one, 1,2,3,4,5,6-hexahydro-, (1R,5S)-(485-35-8) Safety Information Hazard Codes T Risk Statements 25-36/37/38 Safety Statements 26-28-36/37-45 RIDADR UN 2811 6.1/PG 3 WGK Germany 3 RTECS HA4025000 HazardClass 6.1(b) PackingGroup III Hazardous Substances Data 485-35-8 (Hazardous Substances Data) CYTISINE Usage And Synthesis Chemical Properties:

Off-White to Tan Crystalline Solid Usage Toxic principle in seed of *Laburnum anagyroides* and other Leguminosae. A neuronal nicotinic acetylcholine agonist Biological Activity A potent, selective agonist at neuronal nicotinic receptors. Acts as a partial agonist at