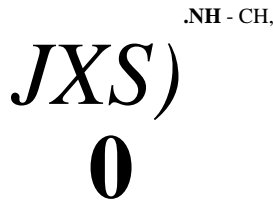


Chlordiazepoxid (—» Benzodiazepinderivate)

Synonym:

7-Chlor-2-methylamino-5-phenyl-3 H-1,4-benzodiazepin-4-oxid

Chemische Formel:



Vorkommen:

Multum® Tabletten, Rosen Pharma
Radepur® Dragees, Arzneimittelwerk Dresden

Verwendung:

Tranquilizer

Wirkungscharakter und Stoffwechselverhalten:

Metabolismus: Wird zu 4 aktiven Metaboliten abgebaut: Norchlordiazepoxid, das zu Demoxepan desaminiert wird. Es folgt die Reduktion zu Nordiazepam und letztlich die Hydrolyse zu Oxazepam. Nur 1 % wird unverändert über den Urin ausgeschieden.

Eiweißbindung: 94 %. Totale Clearance: 25-50 ml/min. Langsame Ausscheidung über Urin (12 % in 96 Std.) und Stuhl.

Toxizität:

Therapeutische Dosis: 1-15 mg/1;
Toxische Dosis: 20 mg/1 (DE SILVA);
Letale Dosis: 25 mg/1 im Blut, 8 mg/1 im Urin;
Potenzierung durch Alkohol und Schlafmittel

Symptome:

Müdigkeit mit Ataxie und Sprachstörungen, Verwirrung, Hyporeflexie, Schock, Atemdepression, Abhängigkeit bei chronischem Gebrauch

Nachweis:

qual. Dünnschichtchromatografie oder EMIT Benzodiazepine
quant. Gaschromatografie, photometrisch n. Frings und Cohen

Therapie:

- primäre Giftelimination: Kohle-Pulvis-Gabe, Magenspülung, Kohle, Glaubersalz
- sekundäre Giftelimination fast wirkungslos
- bei anticholinergem Symptomatik: Physostigminsalizylat als Antidot, gut wirksam beim Entzugsdelir

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