

# List of Plants

## ATROPINE

### Chemid

ATROPINE

### Dosage

|                              |   |
|------------------------------|---|
| LD50=1,100 mg/kg (orl gpg)   |   |
| MLD=1,450 mg/kg (orl rbt)    | Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.                                    |
| LD50=100 (orl hmn)           | Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.                                    |
| LD50=622-750 mg/kg (orl rat) | Merck 11th Edition<br><br>Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin. |
| LD50=700 (orl)               |   |
| LDlo=100 mg/man              | Martindale's 29th<br><br>Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.  |
| LDlo=1,450 mg/kg (orl dog)   | Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.                           |
| LD50=400 mg/kg (orl mus)     |   |
| LD50=129 mg/kg (ipr mus)     | Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.                           |

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

| Plant                  | Part  | Low PPM | High PPM | StdDev | *Reference                 |
|------------------------|-------|---------|----------|--------|----------------------------|
| Anisodus tanguticus    | Plant | --      | --       |        | *                          |
| Arctium lappa          | Root  | 0.3     | 30.0     | 1.0    | Jim Duke's personal files. |
| Atropa bella-donna     | Root  | --      | --       |        | *                          |
| Brugmansia amesianum   | Plant | --      | --       |        | *                          |
| Datura metel           | Seed  | --      | --       |        | *                          |
| Datura innoxia         | Plant | --      | --       |        | *                          |
| Datura stramonium      | Plant | 800.0   | 1000.0   |        | *                          |
| Datura candida         | Root  | --      | --       |        | *                          |
| Duboisia myoporoides   | Root  | --      | --       |        | *                          |
| Duboisia myoporoides   | Stem  | --      | 0.002    | -1.0   | *                          |
| Duboisia myoporoides   | Leaf  | --      | 0.001    | -1.0   | *                          |
| Hyoscyamus niger       | Seed  | --      | --       |        | *                          |
| Hyoscyamus niger       | Leaf  | --      | --       |        | *                          |
| Latua pubiflora        | Stem  | 2085.0  | 4600.0   | 1.0    | *                          |
| Latua pubiflora        | Seed  | --      | 685.0    |        | *                          |
| Latua pubiflora        | Leaf  | 490.0   | 1590.0   | 1.0    | *                          |
| Mandragora officinarum | Root  | 10.0    | 20.0     | -1.0   | *                          |

|                     |         |    |       |   |
|---------------------|---------|----|-------|---|
| Scopolia carniolica | Rhizome | -- | 300.0 | * |
| Solanum dulcamara   | Seed    | -- | --    | * |