

# C PROTOPINE

## Chemid

PROTOPINE

\*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 |
|--------------------------|-------|---------|----------|--------|-----------|
| Argemone mexicana        | Plant | 840     | 840      |        | --        |
| Bocconia arborea         | Plant | --      | --       |        | --        |
| Bocconia frutescens      | Plant | --      | --       |        | --        |
| Chelidonium majus        | Plant | --      | --       |        | --        |
| Corydalis spp            | Plant | --      | --       |        | --        |
| Eschscholzia californica | Shoot | 30      | 150      |        | --        |
| Eschscholzia californica | Seed  | --      | --       |        | --        |
| Eschscholzia californica | Root  | --      | --       |        | --        |
| Eschscholzia californica | Plant | --      | --       |        | --        |
| Glaucium flavum          | Root  | --      | --       |        | --        |
| Macleaya cordata         | Plant | --      | --       |        | --        |
| Nandina domestica        | Plant | --      | --       |        | --        |
| Papaver bracteatum       | Plant | --      | --       |        | --        |

| Plant                  | Part           | Low PPM | High PPM | StdDev | Reference |
|------------------------|----------------|---------|----------|--------|-----------|
| Papaver somniferum     | Fruit          | --      | --       |        | --        |
| Papaver somniferum     | Tissue Culture | --      | --       |        | --        |
| Sanguinaria canadensis | Root           | --      | --       |        | --        |