

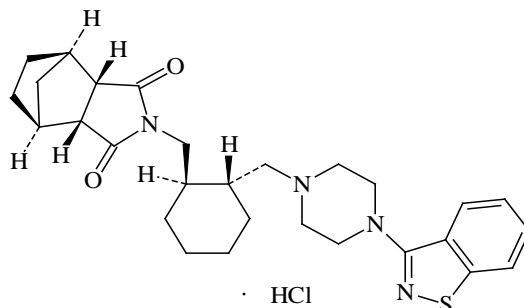
STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

|                   |   |
|-------------------|---|
| USAN              | LURASIDONE HYDROCHLORIDE  |
| PRONUNCIATION     | loo ras' i done   |
| THERAPEUTIC CLAIM | treatment of schizophrenia (high-affinity agonist of serotonin 5-HT <sub>1A</sub> , 5-HT <sub>2</sub> , and 5-HT <sub>7</sub> receptors as well as dopamine D <sub>2</sub> receptors) |

CHEMICAL NAMES

- 1) 4,7-methano-1*H*-isoindole-1,3(2*H*)-dione, 2-[[*(1R,2R)*-2-[[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]methyl]cyclohexyl]methyl]hexahydro-, monohydrochloride (*3aR,4S,7R,7aS*)-
- 2) (*3aR,4S,7R,7S*)-2-{{*(1R,2R)*-2-[1,2-benzisothiazol-3-yl]piperazin-1-ylmethyl]cyclohexylmethyl}hexahydro-4,7-methano-2*H*-isoindole-1,3-dione, hydrochloride

STRUCTURAL FORMULA



|                            |   |
|----------------------------|---|
| MOLECULAR FORMULA          | C <sub>28</sub> H <sub>36</sub> N <sub>4</sub> O <sub>2</sub> S · HCl |
| MOLECULAR WEIGHT           | 529.14  |
| TRADEMARK                  | Unknown as yet  |
| MANUFACTURER               | Sumitomo Pharmaceuticals Co., Ltd.                                    |
| CODE DESIGNATION           | SM-13496  |
| <u>CAS</u> REGISTRY NUMBER | 367514-88-3   |