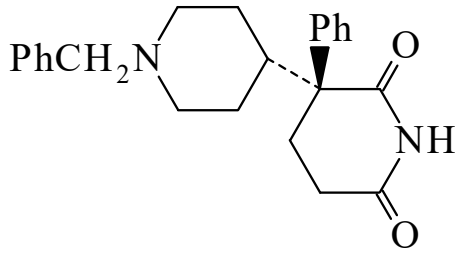
>>**Entry Name: Benzetimide,** INN
Synonym(s): 3-Phenyl-1'-(phenylmethyl)-[3,4'-bipiperidine]-2,6-dione, 9CI. 1-Benzyl-4-(2,6-dioxo-3-phenyl-3-piperidyl)piperidine



(*R*)-*form*

CAS Registry Number: 14051-33-3
Related CAS Registry Numbers(s): 119391-55-8

Molecular Formula: $C_{23}H_{26}N_2O_2$
Molecular Weight: 362.471
Accurate Mass: 362.199428
Percentage Composition: C 76.21%; H 7.23%; N 7.73%; O 8.83%
Biological Use/Importance: Anticholinergic and antiparkinsonian agent
Calculated Log P Data: Log P 3.43 (calc)

>>**Variant:** (*R*)-form
Synonym(s): Levetimide

CAS Registry Number: 21888-99-3
Molecular Formula: $C_{23}H_{26}N_2O_2$
Molecular Weight: 362.471
Accurate Mass: 362.199428
Percentage Composition: C 76.21%; H 7.23%; N 7.73%; O 8.83%
Melting Point: Mp 180.5-182°
Optical Rotation: $[\alpha]_D^{20}$–124 ($CHCl_3$)
Hazard & Toxicity: LD_{50} (mus, ivn) 38.5 mg/kg

>>**Variant:** (*S*)-form
Synonym(s): Dexetimide, BAN, INN, USAN**.** Dexbenzetimide. Serenone. Tremblex. Trembley. R 16470

CAS Registry Number: 21888-98-2
Molecular Formula: $C_{23}H_{26}N_2O_2$
Molecular Weight: 362.471
Accurate Mass: 362.199428
Percentage Composition: C 76.21%; H 7.23%; N 7.73%; O 8.83%
Melting Point: Mp 181-183°
Optical Rotation: $[\alpha]_D^{20}$+125 ($CHCl_3$)
Other Data: Pharmacol. active enantiomer

>>**Derivative:** Hydrochloride

CAS Registry Number: 5633-14-7
Melting Point: Mp 270-275°
Optical Rotation: $[\alpha]_D^{20}$+125 (MeOH)
Hazard & Toxicity: LD_{50} (mus, orl) 680 mg/kg

Sigma: B7670

>>**Variant:** (±)-form

Molecular Formula: $C_{23}H_{26}N_2O_2$
Molecular Weight: 362.471
Accurate Mass: 362.199428
Percentage Composition: C 76.21%; H 7.23%; N 7.73%; O 8.83%
Melting Point: Mp 156-159°

>>**Derivative:** Hydrochloride
Synonym(s): Benzetimide hydrochloride, USAN**.** Dioxatrine. Spasmentral. McN JR4929-11. R 4929

Melting Point: Mp 229-231.5°. Mp 299-301.5°