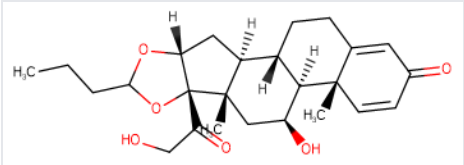
# Budesonide (Entocort)

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | Budesonide, Biochemical |
| **Full Product Name** | Budesonide |
| **Product Synonym Names** | Entocort; Pulmicort |
| **Purity/Purification** | >98% (HPLC) |
| **Preparation and Storage** | Store at -20 degree C<br>Stability: >=2 years<br>Shipping: Ice Pack |
| **Molecular Weight** | 430.54 |
| **Suitability** | Ethanol: 19mg/mL (44.13mM)<br>DMSO: 86mg/mL (199.75mM) |
| **Target** | GR |
| **Receptor** | Glucocorticoid Receptor |
| **Chemical Name** | (6aR, 6bS, 7S, 8aS, 8bS, 11aR, 12aS, 12bS)-7-hydroxy-8b-(2-hydroxyacetyl)-6a, 8a-dimethyl-10-propyl-6a, 6b, 7, 8, 8a, 8b, 11a, 12, 12a, 12b-decahydro-1H-naphtho[2', 1':4, 5] indeno[1, 2-d][1, 3]dioxol-4(2H)-one |
| **SMILES** | O=C(C=C[C@@]12C)C=C1CC[C@@]([C@]2([H])[C@@H](O)C[C@@]34C)([H])[C@]3([H])C[C@]5([H])[C@@]4(C(CO)=O)OC(CCC)O5 |
| **Molecular Formula** | C25H34O6 |
| **CAS Number** | 51333-22-3 |
| **Product Categories/Family for Budesonide biochemical** | Endocrinology/Hormones; Metabolic Disease |
| **Related Product Information for Budesonide biochemical** | Budesonide is an anti-inflammatory corticosteroid.Budesonide has shown the potent glucocorticoid activity and little mineralocorticoid activity. |
| **Product References and Citations for Budesonide biochemical** | 1.Henriksson G, et al. Am J Rhinol. 2001 Jan-Feb; 15 (1):1-8. |
| **Other Notes** | Small volumes of Budesonide biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for Budesonide purchase** | MBS3604774 is a biochemical targeting Budesonide. |



**Structure of Budesonide biochemical**

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/biochemical/budesonide/3604774