

Product Information

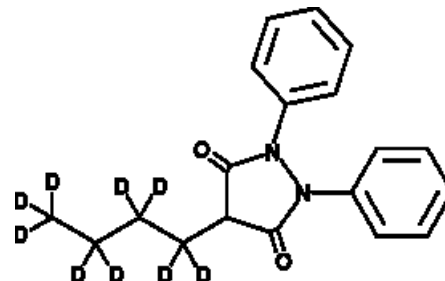


Phenylbutazone-d₉

Cat No: 33978 - 500 µg

General Data

Shipping:	dry ice
Formulation:	A solid
Purity:	≥99% deuterated forms (d1-d9)



Product Overview

Phenylbutazone-d₉ is intended for use as an internal standard for the quantification of phenylbutazone (Item No. 70400) by GC- or LC-MS. Phenylbutazone is a non-steroidal anti-inflammatory drug and an inhibitor of the peroxidase activity of COX (IC₅₀ = ~100 µM in the presence of hydrogen peroxide).{807} It also inhibits prostaglandin I synthase (IC₅₀ = ~25 µM in the presence of hydrogen peroxide). Phenylbutazone (2 mg/kg) reduces increases in type II collagen levels in the inflamed joints of an equine model of LPS-induced acute synovitis.{60463} Formulations containing phenylbutazone have been used in the treatment of lameness in horses.

FP/05/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

Bertin Bioreagent does not make any other warranty or representation whatsoever whether expressed or implied, with respect to these products. In no event will Bertin Bioreagent be liable for incidental, consequential or punitive damages.

Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac
10 bis avenue Ampère
78180 Montigny le Bretonneux - France
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>
<https://www.bertin-bioreagent.com>