

Product Information

Pamabrom, Purity $\geq 98\%$

Cat. No.: X24-09-YM1343

Size: 100 mg; 250 mg; 500 mg; 1000 mg

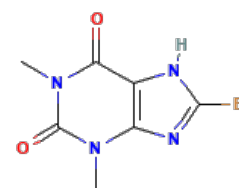
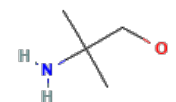
MDL: MFCD00867328

CAS Number: 606-04-2

Compound CID: 11806

Synonym: 606-04-2; 8-Bromotheophylline compound with 2-amino-2-methyl-1-propanol; 2-Amino-2-methylpropan-1-ol; 8-bromo-1,3-dimethyl-7H-purine-2,6-dione

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Pamabrom is a common over-the-counter diuretic. The molecular weight of the compound is 348.2, and its molecular formula is $C_{11}H_{18}BrN_5O_3$.
Molecular Weight	348.2
Molecular Formula	$C_{11}H_{18}BrN_5O_3$
IUPAC Name	2-Amino-2-methylpropan-1-ol;8-bromo-1,3-dimethyl-7H-purine-2,6-dione
InChI	InChI=1S/C7H7BrN4O2.C4H11NO/c1-11-4-3(9-6(8)10-4)5(13)12(2)7(11)14;1-4(2,5)3-6/h1-2H3,(H,9,10);6H,3,5H2,1-2H3
InChI Key	ATOTUUBRFJHZQG-UHFFFAOYSA-N
Canonical SMILES	<chem>CC(C)(CO)N.CN1C2=C(C(=O)N(C1=O)C)NC(=N2)Br</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Pamabrom plays a key role in inhibiting phosphodiesterase activity, leading to increased levels of cyclic AMP, which promotes diuresis.
Storage	Store at -20°C , and keep desiccated.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
