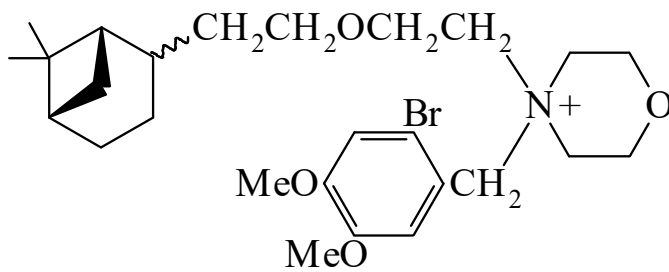




>>Entry Name: Pinaverium(1+)

**Synonym(s):** 4-[(2-Bromo-4,5-dimethoxyphenyl)methyl]-4-[2-[2-(6,6-dimethylbicyclo[3.1.1]hept-2-yl)ethoxy]ethyl]morpholinium, 9Cl. 4-(6-Bromoveratryl)-4-[2-[2-(6,6-dimethyl-2-norpinyloxy]ethyl]morpholinium



**CAS Registry Number:** 59995-65-2

**Molecular Formula:** C<sub>26</sub>H<sub>41</sub>BrNO<sub>4</sub><sup>(+)</sup>

**Molecular Weight:** 511.518

**Accurate Mass:** 510.241895

**Percentage Composition:** C 61.05%; H 8.08%; Br 15.62%; N 2.74%; O 12.51%

>>Derivative: Bromide

**Synonym(s):** Pinaverium bromide, INN. Dicetal. Diclet. Eldicet. Laudil. L 1717. LAT 1717

**CAS Registry Number:** 53251-94-8

**Molecular Formula:** C<sub>26</sub>H<sub>41</sub>Br<sub>2</sub>NO<sub>4</sub>

**Molecular Weight:** 591.422

**Accurate Mass:** 589.180231

**Percentage Composition:** C 52.80%; H 6.99%; Br 27.02%; N 2.37%; O 10.82%

**Use/Importance:** Calcium channel blocker. Smooth muscle relaxant; used as an antispasmodic agent in treatment of irritable bowel syndrome

**Physical Description:** Cryst. (2-butanone)

**Melting Point:** Mp 181°

**Hazard & Toxicity:** LD<sub>50</sub> (mus, scu) 504 mg/kg

**References:**

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Neuman, H., *Drugs of Today (Barcelona)*, 1977, **13**, 239, (*rev*)

Brethaud, J. *et al.*, *J. Pharmacol.*, 1980, **11**, 233, (*pharmacol*)

Borchers, F. *et al.*, *Anal. Chem. Symp. Ser.*, 1981, **7**, 39, (*metab*)

Itoh, Z. *et al.*, *Arzneim.-Forsch.*, 1981, **31**, 1450, (*pharmacol*)

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