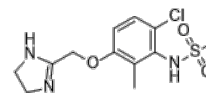


Product Name : Dabuzalgron
Cat. No. : PC-24569
CAS No. : 219311-44-1
Molecular Formula : C₁₂H₁₆ClN₃O₃S
Molecular Weight : 317.79
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



CAS: 219311-44-1

Biological Activity

Dabuzalgron (Ro 115-1240) is an orally active and selective α -1A adrenergic receptor agonist with pK_i of 7.39 for the displacement of [³H]-prazosin binding to CHO-K1 membranes.

Dabuzalgron shows greater affinity for α 1A than for α 1B and α 1D subtypes (>30-fold).

Dabuzalgron produced non-selective, dose-dependent increases in intraurethral and arterial blood pressures in anaesthetized micropigs and rabbits.

References

Blue DR, et al. BJU Int. 2004 Jan;93(1):162-70.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com