Bourgeonal

hOR17-4 ligand

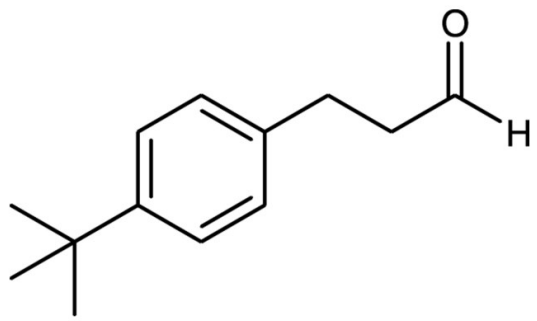
A previously undescribed human testicular olfactory receptor known as hOR17-4 was cloned and functionally expressed. Bourgeonal is a potent agonist at hOR17-4 and acts as a strong chemoattractant in sperm behavioral assays. The bourgeonal, hOR17-4 signaling pathway potentially governs chemical communication between sperm and egg and may be used to manipulate or block fertilization.

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BML-N156-0025	25mg

Manuals, SDS & CofA View Online »

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-t-Butylbenzenepropionaldehyde
Appearance	Colorless oil.
CAS	18127-01-0
Couple Target	hOR17-4
Couple Type	Ligand
Formula	$C_{13}H_{18}O$
MW	190.3
Purity	≥90% (TLC)
Solubility	Soluble in DMSO (25 mg/ml)or ethanol (25 mg/ml).

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