

Summary of Treatment-Emergent Adverse Events (TEAEs)					
Adverse Event	Placebo (N=86)	Xanomeline High Dose (N=72)	Xanomeline Low Dose (N=96)	Total (N=306)	
PRURITUS	8 (9.3%)	25 (34.7%)	21 (21.9%)	54 (17.6%)	
APPLICATION SITE PRURITUS	6 (7%)	21 (29.2%)	23 (24%)	50 (16.3%)	
ERYTHEMA	8 (9.3%)	14 (19.4%)	14 (14.6%)	36 (11.8%)	
APPLICATION SITE ERYTHEMA	3 (3.5%)	14 (19.4%)	13 (13.5%)	30 (9.8%)	
RASH	5 (5.8%)	8 (11.1%)	13 (13.5%)	26 (8.5%)	
APPLICATION SITE DERMATITIS	5 (5.8%)	7 (9.7%)	9 (9.4%)	21 (6.9%)	
APPLICATION SITE IRRITATION	3 (3.5%)	9 (12.5%)	9 (9.4%)	21 (6.9%)	
DIZZINESS	2 (2.3%)	10 (13.9%)	9 (9.4%)	21 (6.9%)	
DIARRHOEA	9 (10.5%)	3 (4.2%)	5 (5.2%)	17 (5.6%)	
SINUS BRADYCARDIA	2 (2.3%)	8 (11.1%)	7 (7.3%)	17 (5.6%)	
HYPERHIDROSIS	2 (2.3%)	8 (11.1%)	4 (4.2%)	14 (4.6%)	
SKIN IRRITATION	3 (3.5%)	5 (6.9%)	6 (6.2%)	14 (4.6%)	
VOMITING	3 (3.5%)	6 (8.3%)	4 (4.2%)	13 (4.2%)	
NASOPHARYNGITIS	2 (2.3%)	6 (8.3%)	4 (4.2%)	12 (3.9%)	
NAUSEA	3 (3.5%)	6 (8.3%)	3 (3.1%)	12 (3.9%)	
APPLICATION SITE VESICLES	1 (1.2%)	5 (6.9%)	5 (5.2%)	11 (3.6%)	
COUGH	1 (1.2%)	5 (6.9%)	5 (5.2%)	11 (3.6%)	
FATIGUE	1 (1.2%)	5 (6.9%)	5 (5.2%)	11 (3.6%)	
HEADACHE	3 (3.5%)	5 (6.9%)	3 (3.1%)	11 (3.6%)	
MYOCARDIAL INFARCTION	4 (4.7%)	4 (5.6%)	2 (2.1%)	10 (3.3%)	
UPPER RESPIRATORY TRACT INFECTION	6 (7%)	3 (4.2%)	1 (1%)	10 (3.3%)	
NASAL CONGESTION	3 (3.5%)	3 (4.2%)	1 (1%)	7 (2.3%)	
SYNCOPE	0 (0%)	2 (2.8%)	5 (5.2%)	7 (2.3%)	
CONFUSIONAL STATE	2 (2.3%)	1 (1.4%)	3 (3.1%)	6 (2%)	
SOMNOLENCE	2 (2.3%)	1 (1.4%)	3 (3.1%)	6 (2%)	
BLISTER	0 (0%)	1 (1.4%)	5 (5.2%)	6 (2%)	
ABDOMINAL PAIN	1 (1.2%)	1 (1.4%)	3 (3.1%)	5 (1.6%)	
AGITATION	2 (2.3%)	0 (0%)	3 (3.1%)	5 (1.6%)	
ATRIAL FIBRILLATION	1 (1.2%)	2 (2.8%)	2 (2.1%)	5 (1.6%)	
BACK PAIN	1 (1.2%)	3 (4.2%)	1 (1%)	5 (1.6%)	
ELECTROCARDIOGRAM ST SEGMENT DEPRESSION	4 (4.7%)	0 (0%)	1 (1%)	5 (1.6%)	
OEDEMA PERIPHERAL	2 (2.3%)	2 (2.8%)	1 (1%)	5 (1.6%)	
ARTHRALGIA	1 (1.2%)	1 (1.4%)	2 (2.1%)	4 (1.3%)	
CONTUSION	1 (1.2%)	2 (2.8%)	1 (1%)	4 (1.3%)	
ELECTROCARDIOGRAM T WAVE INVERSION	2 (2.3%)	1 (1.4%)	1 (1%)	4 (1.3%)	
EXCORIATION	2 (2.3%)	1 (1.4%)	1 (1%)	4 (1.3%)	
FALL	1 (1.2%)	1 (1.4%)	2 (2.1%)	4 (1.3%)	
INSOMNIA	2 (2.3%)	2 (2.8%)	0 (0%)	4 (1.3%)	
SALIVARY HYPERSECRETION	0 (0%)	4 (5.6%)	0 (0%)	4 (1.3%)	
CHILLS	1 (1.2%)	1 (1.4%)	1 (1%)	3 (1%)	
DYSPNOEA	1 (1.2%)	1 (1.4%)	1 (1%)	3 (1%)	
HIP FRACTURE	1 (1.2%)	2 (2.8%)	0 (0%)	3 (1%)	
HYPOTENSION	2 (2.3%)	0 (0%)	1 (1%)	3 (1%)	
INFLUENZA	1 (1.2%)	1 (1.4%)	1 (1%)	3 (1%)	
MICTURITION URGENCY	1 (1.2%)	1 (1.4%)	1 (1%)	3 (1%)	
PYREXIA	2 (2.3%)	0 (0%)	1 (1%)	3 (1%)	
SHOULDER PAIN	1 (1.2%)	0 (0%)	2 (2.1%)	3 (1%)	
Skin Laceration	1 (1.2%)	0 (0%)	2 (2.1%)	3 (1%)	
SUPRAVENTRICULAR EXTRASYSTOLES	1 (1.2%)	1 (1.4%)	1 (1%)	3 (1%)	
URINARY TRACT INFECTION	2 (2.2%)	1 (1.4%)	0 (0%)	3 (1%)	
APPLICATION SITE SWELLING	0 (0%)	2 (2.8%)	1 (1%)	3 (1%)	
APPLICATION SITE URTICARIA	0 (0%)	1 (1.4%)	2 (2.1%)	3 (1%)	
EPISTAXIS	0 (0%)	2 (2.8%)	1 (1%)	3 (1%)	
MALAISE	0 (0%)	2 (2.8%)	1 (1%)	3 (1%)	
RASH PRURITIC	0 (0%)	2 (2.8%)	1 (1%)	3 (1%)	
TRANSIENT ISCHAEMIC ATTACK	0 (0%)	1 (1.4%)	2 (2.1%)	3 (1%)	
VENTRICULAR EXTRASYSTOLES	0 (0%)	1 (1.4%)	2 (2.1%)	3 (1%)	
VENTRICULAR SEPTAL DEFECT	0 (0%)	2 (2.8%)	1 (1%)	3 (1%)	
ANXIETY	0 (0%)	0 (0%)	3 (3.1%)	3 (1%)	
APPLICATION SITE REACTION	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
ASTHENIA	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
ATRIOVENTRICULAR BLOCK FIRST DEGREE	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
BENIGN PROSTATIC HYPERPLASIA	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
BUNDLE BRANCH BLOCK RIGHT	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
CATARACT OPERATION	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
CYSTITIS	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
DECREASED APPETITE	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
DELUSION	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
DYSPEPSIA	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
DYSURIA	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
EAR INFECTION	2 (2.3%)	0 (0%)	0 (0%)	2 (0.7%)	
ELECTROCARDIOGRAM T WAVE AMPLITUDE DECREASED	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
FOOD CRAVING	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
HYPERTENSION	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
INCREASED APPETITE	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
IRRITABILITY	1 (1.2%)	0 (0%)	1 (1%)	2 (0.7%)	
NEPHROLITHIASIS	1 (1.2%)	1 (1.4%)	0 (0%)	2 (0.7%)	
APPLICATION SITE PAIN	0 (0%)	2 (2.8%)	0 (0%)	2 (0.7%)	
APPLICATION SITE PERSPIRATION	0 (0%)	2 (2.8%)	0 (0%)	2 (0.7%)	
ATRIAL FLUTTER	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
BLOOD GLUCOSE INCREASED	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
BURNING SENSATION	0 (0%)	2 (2.8%)	0 (0%)	2 (0.7%)	
CHEST DISCOMFORT	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
CHEST PAIN	0 (0%)	2 (2.8%)	0 (0%)	2 (0.7%)	
LETHARGY	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
MUSCLE SPASMS	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
PAIN	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
PHARYNGOLARYNGEAL PAIN	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
PRURITUS GENERALISED	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
RHINORRHOEA	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
URTICARIA	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
VERTIGO	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
VISION BLURRED	0 (0%)	1 (1.4%)	1 (1%)	2 (0.7%)	
OEDEMA	0 (0%)	0 (0%)	2 (2.1%)	2 (0.7%)	
PALPITATIONS	0 (0%)	0 (0%)	2 (2.1%)	2 (0.7%)	
ALOPECIA	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
APPLICATION SITE INDURATION	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
ATRIAL HYPERTROPHY	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
ATRIOVENTRICULAR BLOCK SECOND DEGREE	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BLOOD ALKALINE PHOSPHATASE INCREASED	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BLOOD CREATINE PHOSPHOKINASE INCREASED	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BLOOD URINE PRESENT	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BRADYCARDIA	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BRONCHITIS	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
BUNDLE BRANCH BLOCK LEFT	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
CARDIAC FAILURE CONGESTIVE	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
CERVICITIS	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
COLD SWEAT	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
COMPLETED SUICIDE	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
CONJUNCTIVITIS	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
CONSTIPATION	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
CYSTOSCOPY	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
DEHYDRATION	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
DIABETES MELLITUS	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
DISORIENTATION	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
DRUG ERUPTION	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EAR PAIN	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EMPHYSEMA	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EYE ALLERGY	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EYE LASER SURGERY	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EYE PRURITUS	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
EYE SWELLING	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
FLATULENCE	1 (1.2%)	0 (0%)	0 (0%)	1 (0.3%)	
GASTROENTERITIS VIRAL	1 (1.2				