

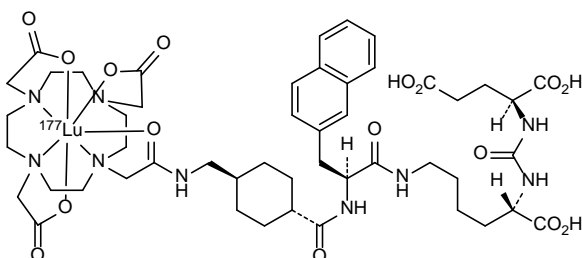
STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-218) lutetium Lu 177 vipivotide tetraxetan  
 PRONUNCIATION loo tee' shee um vye piv' oh tide te trax' e tan  
 THERAPEUTIC CLAIM Treatment of prostate cancer

CHEMICAL NAMES

1. Lutetate(3-)-<sup>177</sup>Lu, [*N*<sup>2</sup>-[[[(1*S*)-1,3-dicarboxypropyl]amino]carbonyl]-*N*<sup>6</sup>-[3-(2-naphthalenyl)-*N*-[[*trans*-4-[[[2-[4,7,10-tris[(carboxy-κ*O*)methyl]-1,4,7,10-tetraazacyclododec-1-yl-κ*N*<sup>1</sup>,κ*N*<sup>4</sup>,κ*N*<sup>7</sup>,κ*N*<sup>10</sup>]acetyl-κ*O*]amino]methyl]cyclohexyl]carbonyl]-L-alanyl]-L-lysinato(6-)-], hydrogen (1:3) (Source: CAS)
2. {*N*-[*N*<sup>6</sup>-{3-(naphthalen-2-yl)-*N*-[[*trans*-4-({2-[4,7,10-tris(carboxy-κ<sup>3</sup>*O*<sup>4</sup>,*O*<sup>7</sup>,*O*<sup>10</sup>-methyl)-1,4,7,10-tetraazacyclododecan-1-yl-κ<sup>4</sup>*N*<sup>1</sup>,*N*<sup>4</sup>,*N*<sup>7</sup>,*N*<sup>10</sup>]acetamido-κ*O*]methyl)cyclohexane-1-carbonyl]-L-alanyl]-L-lysine-*N*<sup>2</sup>-yl)carbonyl]-L-glutamato(3-)}(<sup>177</sup>Lu)lutetium (Source: WHO pINN list 123)

STRUCTURAL FORMULA



MOLECULAR FORMULA C<sub>49</sub>H<sub>68</sub><sup>177</sup>LuN<sub>9</sub>O<sub>16</sub>  
 MOLECULAR WEIGHT 1216.1  
 TRADEMARK None as yet  
 SPONSOR Endocyte Inc.  
 CODE DESIGNATIONS 177Lu-PSMA-617  
 CAS REGISTRY NUMBER 1703749-62-5  
 UNII G6UF363ECX  
 WHO NUMBER 11429

gbk