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Starting from **Preparation 2** and 2-[2-(2-methoxyethoxy)ethoxy]ethanol using General procedure II, **Example 48** was obtained. HRMS calculated for $C_{53}H_{56}N_6O_9FSCl$: 1006.3502; found 504.1829 ($M+2H$)²⁺

Example 49: (2R)-3-(2-{[2-(3-{2-[bis(2-hydroxyethyl)amino]ethoxy}phenyl)pyrimidin-4-yl]methoxy}phenyl)-2-{[(5*S*_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl]-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}propanoic acid

Starting from **Preparation 2** and 10 eq. of 2-[bis(2-hydroxyethyl)amino]ethanol using General procedure II, **Example 49** was obtained. HRMS calculated for $C_{52}H_{55}N_7O_8FSCl$: 991.3505; found 496.6833 ($M+2H$)²⁺

Example 50: (2R)-2-{[(5*S*_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl]-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[(2-(piperidin-1-yl)ethyl]carbamoyl]oxy)methyl}phenyl]pyrimidin-4-yl)methoxy}phenyl}propanoic acid

Starting from **Preparation 5** and *N*-(2-aminoethyl)piperidine as the appropriate amine using General procedure III, **Example 50** was obtained. HRMS calculated for $C_{55}H_{58}ClFN_8O_7S$: 1028.3822; found 1029.3893 ($M+H$)⁺

Example 51: (2R)-2-{[(5*S*_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl]-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[2-(morpholin-4-yl)ethoxy]phenyl}pyrimidin-4-yl)methoxy}phenyl]propanoic acid

Starting from **Preparation 2** and *N*-(2-hydroxyethyl)morpholine using General procedure II, **Example 51** was obtained. HRMS calculated for $C_{52}H_{53}ClFN_7O_7S$: 973.3400; found 487.6785 ($M+2H$)²⁺

Example 52: (2R)-2-{[(5*S*_a)-5-{3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl]-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy}-3-{2-[(2-{3-[2-(dimethylamino)ethoxy]phenyl}pyrimidin-4-yl)methoxy}phenyl]propanoic acid

- yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} propanoic acid;
- (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3- {2-[(2- {3-[(2-(piperidin-1-yl)ethyl]carbonyl oxy)methyl]phenyl} pyrimidin-4-yl)methoxy]phenyl} propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3- {2-[(2- {3-[2-(morpholin-4-yl)ethoxy]phenyl} pyrimidin-4-yl)methoxy]phenyl} propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3- {2-[(2- {3-[2-(dimethylamino)ethoxy]phenyl} pyrimidin-4-yl)methoxy]phenyl} propanoic acid;
 - (2*R*)-3-(2- {2-[(4- {2-[bis(2-hydroxyethyl)amino]ethoxy} phenyl)pyrimidin-4-yl]methoxy} phenyl)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3-(2- {2-[(4- {2-[2-(2-hydroxyethoxy)ethoxy]ethoxy} phenyl)pyrimidin-4-yl]methoxy} phenyl)propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3- {2-[(2- {4-[(2,2-dimethyl-1,3-dioxolan-4-yl)methoxy]phenyl} pyrimidin-4-yl)methoxy]phenyl} propanoic acid;
 - (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} -3- {2-[(2- {4-[2-(morpholin-4-yl)ethoxy]phenyl} pyrimidin-4-yl)methoxy]phenyl} propanoic acid;
 - 4-[4-({2-[(2*R*)-2-carboxy-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-yl]oxy} ethyl]phenoxy} methyl)pyrimidin-2-yl]phenyl phosphate disodium salt;
 - 1-[(ethoxycarbonyl)oxy]ethyl (2*R*)-2- {[(5*S_a*)-5- {3-chloro-2-methyl-4-[2-(4-methylpiperazin-1-yl)ethoxy]phenyl}-6-(4-fluorophenyl)thieno[2,3-*d*]pyrimidin-4-