



5001 Weston Parkway, Suite 103, Cary, NC 27513  
Phone: 919-657-0660 Fax: 919-573-9318  
[www.PharmaDirections.com](http://www.PharmaDirections.com)

### **Patents and Published Applications developed for PDI Clients**

1. R. Soltero, N. Ekwirube, F. Opawale, A. Hickey, B. Rehaender, L. Bovet, “Pharmaceutical compositions of calcitonin drug-oligomer conjugates and methods of treating diseases therewith” **United States Patent 6,770,625**
2. R. Soltero, N. Ekwirube, B. Rehaender, L. Bovet, A. Hickey, “Pharmaceutical Compositions of Insulin Drug-Oligomer Conjugates and Methods of Treating Diseases Therewith” **United States Patent 6,867,183**
3. R. Soltero, B. Radhakrishnan, N. Ekwirube, “Methods of Synthesizing Insulin Polypeptide-Oligomer Conjugates, and Proinsulin Polypeptide-Oligomer Conjugates and Methods of Synthesizing Same” **United States Patent 6,913,903**
4. R. Soltero, N. Ekwirube, F. Opawale, B. Rehaender, A. Hickey, “Pharmaceutical compositions of drug-oligomer conjugates and methods of treating disease therewith” **United States Patent 7,030,082**
5. R. Soltero, B. Radhakrishnan, N. Ekwirube, “Insulin polypeptide-oligomer conjugates, proinsulin polypeptide-oligomer conjugates and methods of synthesizing same” **United States Patent 7,166,571**
6. R. Soltero, B. Radhakrishnan, N. Ekwirube, B. Rehaender, A. Hickey, L. Bovet, “Pharmaceutical compositions of insulin drug-oligomer conjugates and methods of treating diseases therewith” **United States Patent 7,196,059**
7. B. Radhakrishnan, R. Soltero, N. Ekwirube, M. Puskas, D. Sangal, “Insulin polypeptide-oligomer conjugates, proinsulin polypeptide-oligomer conjugates and methods of synthesizing same” **United States Patent 7,312,192**
8. B. Radhakrishnan, R. Soltero, N. Ekwirube, “Methods of synthesizing insulin polypeptide-oligomer conjugates, and proinsulin polypeptide-oligomer conjugates and methods of synthesizing same” **United States Patent 7,368,260**
9. R. Soltero, N. Ekwirube, F. Opawale, B. Rehlander, A. Hickey, L. Bovet, “Pharmaceutical compositions of drug-oligomer conjugates and methods of treating diseases therewith” **United States Patent Application 20030069170**
10. J. G. Still, R. Soltero, et al, “Methods of Reducing Hypoglycemic Episodes in the Treatment of Diabetes Mellitus” **United States Patent Application 20040038867**
11. F. Opawale, R. Soltero, “Micro-particle fatty acid salt solid dosage formulations for therapeutic agents” **United States Patent Application 20050095216**



5001 Weston Parkway, Suite 103, Cary, NC 27513  
Phone: 919-657-0660 Fax: 919-573-9318  
[www.PharmaDirections.com](http://www.PharmaDirections.com)

12. R. Soltero, "Method for administering medicaments to subjects with swallowing difficulties and disorders" **United States Patent Application 20070196495**
13. A. McKinney, G. Tollefson, S. Yau, R. Vladyka, R. Soltero, "Sustained Release Formulations of Zonisamide" **United States Patent Application 20070148237**
14. G. Tollefson, A. McKinney, M. Higgin, J. McCall, "Compositions for affecting weight loss" **United States Patent Application 20070117827**
15. A. McKinney, G. Tollefson, R. Soltero, E. Dunzo, "Sustained Release Formulations of Naltrexone" **United States Patent Application 20070281021**
16. A. McKinney, G. Tollefson, E. Weber, R. Soltero, "Methods for Administering Weight Loss Medications" **United States Patent Application 20080110792**
17. A. McKinney, G. Tollefson, E. Weber, R. Soltero, "Layered Pharmaceutical Formulations" **United States Patent Application 20080113026**
18. R. Soltero, "System and Method for Developing and Managing a Manufacturing Process" **United States Patent Application 20080097804**
19. R. Soltero, B. Rehlander, "A Method for Stabilizing Acidic and Alkaline Labile Pharmaceutical Products", **PTO Application Number 61059290**



5001 Weston Parkway, Suite 103, Cary, NC 27513  
Phone: 919-657-0660 Fax: 919-573-9318  
[www.PharmaDirections.com](http://www.PharmaDirections.com)

### **Other Issued Patents and Published Patent Applications with PDI Staff as Inventors**

1. US **4,546,193**: Antiarrhythmic cyclooct[b]indoles
2. US **4,638,008**: Antiarrhythmic agents
3. US **4,665,227**: N-substituted-4(3)-nitrobenzene sulphonamides
4. US **4,698,445**: 4-amino benzenesulfonamides
5. US **4,721,809**: Alkylsulfonamido or perfluoroalkylsulfonamido benzenesulfonamides
6. US **4,794,196**: N-aminoalkylperfluoroalkanoylaminobenzene-sulfonamide anti-arrhythmic agents
7. US **5,002,949**: 5-substituted-6-aminopyrimidine derivatives
8. US **5,144,072**: Anti-arrhythmic agents
9. US **6,037,358**: Decongestant/antihistaminic compositions
10. US **6,287,597**: Decongestant/antihistaminic compositions
11. US **6,306,904**: Antihistaminic/antitussive compositions
12. US **6,586,469**: Antihistaminic/antitussive compositions
13. US **6,630,498**: Eprosartan arginyl charge-neutralization-complex and a process for its preparation and formulation
14. US **D383,533**: Pharmaceutical tablet
15. US **D383,534**: Pharmaceutical tablet