



Global Patent Group, LLC.

1005 N. Warson Rd, Suite 201

St. Louis, MO 63132 USA

Research to Support Patent Filing

- Flush out invention to be claimed;
- Enablement of claims;
- Discovery of potential commercial embodiments;
- Downstream utility of invention;
- Elimination of “White Space”; and
- Generation of data to overcome art based rejections.

US 8,291,772

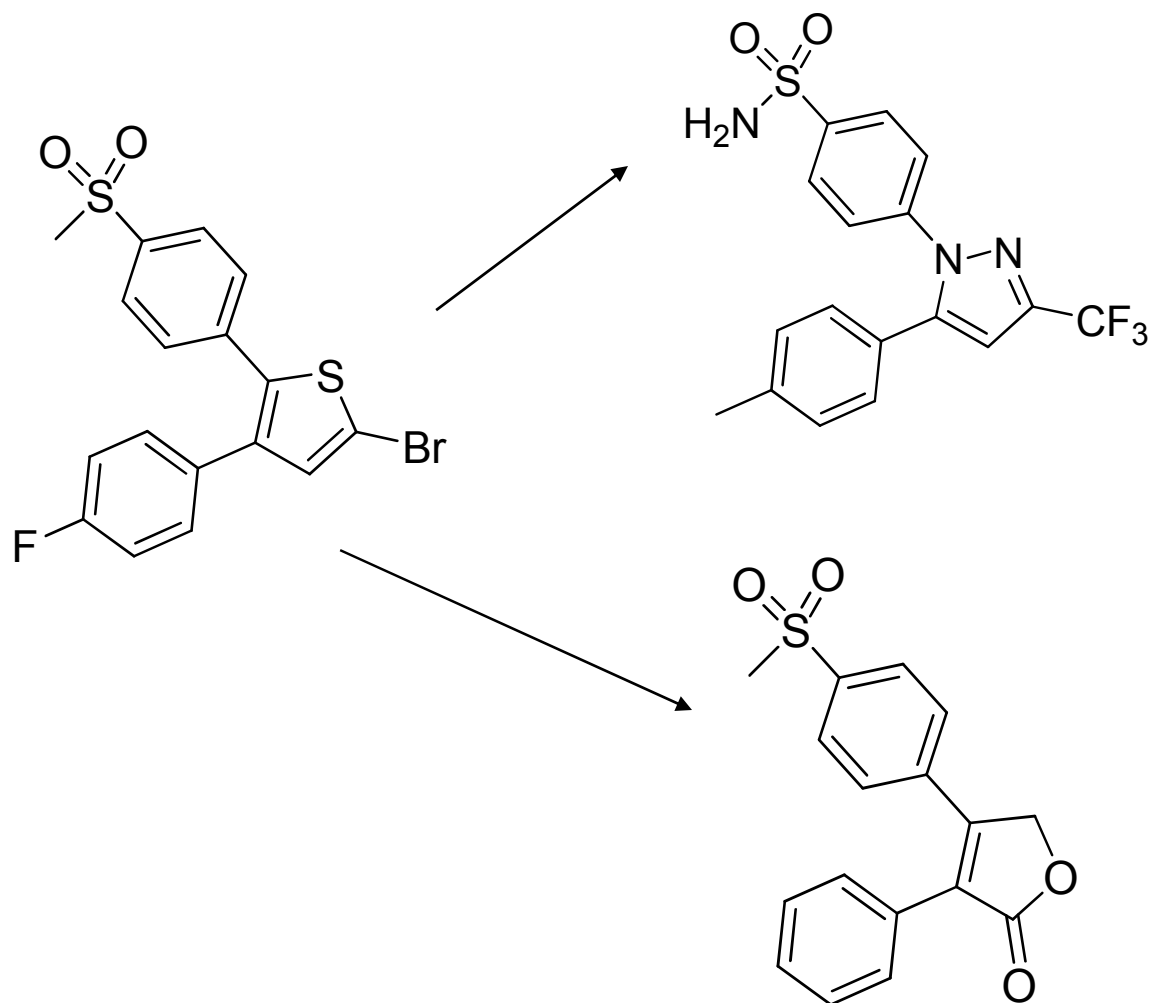
We claim:

1. A method for producing seeds containing a selected heterologous protein, comprising the steps of: (a) stably transforming monocot plant cells with a chimeric gene having: (i) (b) cultivating plants containing the transformed plant cells under seed-maturation conditions, wherein the expression of the heterologous protein ... and (c) harvesting seeds from the cultivated plants.

Discover Target or Lead?

- COX-2 Inhibitors
 - Have analgesic and anti-inflammatory activity by blocking the transformation of arachidonic acid into prostaglandin H2 selectively
 - Do not have adverse gastro-intestinal side effects that NSAIDs have
 - Need selectivity for COX-2 over COX-1

Pharmacophores Discovered



Conclusions

- Discovery of compound that hits desired target is preferred
- Must build up genus full of related compounds to afford maximum patent protection for the compound claims.