



PHARMACEUTICAL EXCIPIENT SOLUBILIZATION AND COMPRESSION ADJUVANT

KEY WORDS:

- * Excipient
- * Solubility
- * Bioavailability
- * Compression

NEW PHARMACEUTICAL EXCIPIENT IMPROVING SOLUBILITY AND BIOAVAILABILITY OF ACTIVE INGREDIENTS

- ◆ This new polymer greatly improves the solubility of poorly soluble active ingredients while improving their bioavailability.
- ◆ This polymer also has excellent compressibility properties making it an excipient of choice for tablets.



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➔ BENEFITS:

- ◆ Able to solubilize active ingredients deemed most poorly soluble.
- ◆ Improves the bioavailability
- ◆ The mechanical properties allow the reduction of the number of excipients necessary for the formulation.
- ◆ Direct compression could even be envisaged, thus reducing the tablets size.
- ◆ Promotes the tablets disintegration.
- ◆ Taste masking properties
- ◆ Allows the sustained release of antibiotics
- ◆ Usable with most active ingredients
- ◆ Compatible with most of formulation technics (Freeze-drying, grinding, mixing ...)
- ◆ No solvent needed.
- ◆ No heating needed.

➔ APPLICATIONS:

- ◆ Pharmaceutical :
 - ◆ Tablets
 - ◆ Pasty forms for topical use
- ◆ Cosmetics

➔ DEVELOPMENT STATUS:

- ◆ Production capacity compatible with clinical trials batches.
- ◆ Improved Solubilization tests for molecules deemed most poorly soluble.
- ◆ Improved Bioavailability tests
- ◆ Cytotoxicity study conducted

➔ INTELLECTUAL PROPERTY:

- ◆ Basic patent granted
- ◆ Derivated patent application